1991 May 13 17:06:19
20XX _pnc "flp4_Si913t1",64,2,3,77,8,30,1,1,1

Revision: 910513.1705 -- Revised by: Bill Miller..
Lines: 143 -- Characters: 6428..
Subject: SincLink Information for Jan., Feb., Mar., 1991..

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Please give credit to author and source..
For commercial use, contact:..
SincLink..
c/o Bill Miller_408-253-3175 -- Information Manager -- 6675 Clifford Drive -- Cupertino -- CA_95014-4530 -- United States of America..

Disclaimer: SincLink and Authors disclaim responsibility for the results of modifications to your computer system..
If you are not SURE of your capabilities, get someone with more experience to help you...

H: WHAT IS SincLink?..
SincLink is the name of the original publication of the $Group Using Timex/ Sinclair/ Cambridge/ Emacs of Silicon Valley (GUTSCE/SV)$ ..
SincLink was first published in April, 1982..

H: WHAT ARE THE ADVANTAGES OF SUBSCRIBING TO SincLink?..
The purpose of most user groups is to share information..
The best way to do this is thru a newsletter, since most members cannot attend every meeting..
If you have a problem (or a solution), the best way to ask for help (or give help) is thru the newsletter..
The newsletter also usually contains information about other User Groups around the nation and world that we gather thru our newsletter exchanges..

H: HOW DO I "SUBSCRIBE" TO SincLink?..
For User Groups (even small ones- there is nothing wrong with a one person User Group that puts out it's newsletter on a TS2040), we would prefer to exchange newsletters on disk (or paper if disk is not available)..
If you just can't exchange newsletters, the best way to 'Subscribe' to SincLink is thru SLIX (SincLair Information eXchange)..
Send us some Sinclair/ Cambridge/ Emacs related information and we will send you a current SincLink and a 'SLIX Contacts' printout with your information in it so that you can check it for accuracy and suitability..
Mail exchange newsletters or information (on disk or paper) to:..
SLIX..
A: Bill Miller_408-253-3175 -- 6675 Clifford Drive -- Cupertino -- CA_95014-4530..
You may also call your information in to the telephone number listed above or upload it to the MFSBBS_408-253-2295..
..
If you just can't exchange information, you may subscribe to SincLink for $15.00 per year..
Make check or money order payable to: SincLink..
Mail to:..
SincLink..
c/o Bill Miller_408-253-3175 -- 6675 Clifford Drive -- Cupertino -- CA_95014-4530..

H: NEWSLETTER EXCHANGE? Please send exchange newsletters to:..
SLIX..
c/o Bill Miller_408-253-3175 -- 6675 Clifford Drive -- Cupertino -- CA_95014-4530..

H: LOOKING FOR TIMEX/ SINCLAIR/ CAMBRIDGE/ EMACS/ SHAREWARE FILES? -- Try: Mini File Server BBS_408-253-2295, 300/1200, 8,N,1, 24hrs, Sysop: Steve Nichols..

H: BACK ISSUES OF TIMELINEZ/ SincLink ARE AVAILABLE. Contact SincLink at the above address for details and index..

H: TS PRODUCTS FOR SALE? Advertise in SincLink..
Advertising Schedule (4):..
1. Full Page .....$20.00..
2. Half Page .....$12.00..
3. 1/4 Page .....$7.00..
4. 1/8 Page .....$5.00..

H: LISTING USER GROUPS? Please list us as (3):..
..
1. TIMEX/ SINCLAIR/ CAMBRIDGE/ EMACS Special Interest Group of THE COMPUTER WORKSHOP (TSCE_SIG/TCW)..
Meets: FIRST SATURDAY of the month at 10:00 A.M. at:..
Stanford University, Jordan Hall, Building 380 (in the Quad), Room 380C (downstairs)..
Contact: Bill Miller_408-253-3175, MFSBBS_408-253-2295..
..
2. TIMEX/ SINCLAIR/ CAMBRIDGE/ EMACS SILICON VALLEY USERS (GUTSCE/SV)..
Meets:..
The THIRD WEDNESDAY of the month at 7:30 P.M. For meeting place contact:..
Bill Miller_408-253-3175, MFSBBS_408-253-2295 -- 6675 Clifford Drive -- Cupertino -- CA_95014-4530...
..
3. TIMEX/ SINCLAIR/ CAMBRIDGE PENINSULA USERS GROUP (TSCPUG)..
Meets:..
The THIRD SUNDAY of the month at 1:00pm at Peninsula Hospital, Sierra Room (on the lower level), 1783 El Camino Real, Burlingame..
Contact: George Mockridge_415-878-1773 -- 311 Michelle Lane -- Daly City -- CA_94015..

H: SincLink RENEWALS DUE!..
The following folks Sinclink RENEWALS are DUE. If you can't afford the RENEWAL and still wish to receive SincLink, contact us and we will try to work something out (7):..

Name	Du	DatePd	LstI
M. Furman	15	900516	9104
J. Kealy	15	900510	9104
J. Hunkins	15	900430	9103
F. Carpenter	15	900414	9103
R. Downey	15	900217	9101
J. Wyder	15	891227	9012
D. Bennett	15	891222	9012

..
..
..
..
..
..
..

FROM:..
..
SLIX (SincLair Information eXchange)..
c/o Bill Miller_408-253-3175..
--- 6675 Clifford Drive..
--- Cupertino;; CA_95014-4530..
--- United States of America..

TO:.. CATUG NL
C/O BOB SWOGER
613 PARKSIDE CIRCLE
STREAMWOOD IL 60107

1991 May 13 12:14:37
20XX _pnc "flp4_Sn91q1",64,2,3,77,8,30,0,1,1
Subject: #SincLink News for 1991 Quarter 1 (8):#..
...

1. #TIMELINEZ# Ceases Publication:#..
1. The biggest news is probably that #TIMELINEZ# has ceased publication. #SincLink# members/subscribers will now receive #SincLink# again..
1. If you are a #SincLink# member/subscriber and you have not received all your issues of either #TIMELINEZ# or #SincLink#, please contact: A: Bill Miller 408-253-3175 -- 6675 Clifford Drive -- Cupertino -- CA_95014-4530..
..
2. #SincLink Now Full Size:#..
2. The second biggest news is that #SincLink# - after many years of reduced size - is now a full 8.5-in. x 11-in. !! The QL program that formats these pages from a #QL MicroEMACS 3.8b# file appears on page 26..
2. We are working on a #GhostScript/PostScript# version of #SincLink#. That is the reason for the formatting symbols (3): #BOLD#, _Underline_, & %Italicize% ..
..
3. #SincLink (SLIX) Indexing Project:..#
3. We are still not able to provide indexes to SLIX files on disk, but we will continue to make this a high priority project..
..
4. #Free Software Foundation Sinclair Software:..#
4. We are continuing our project to adapt #FSF (GNU)# software to Sinclair computers. Mark Wahl is the #Main Investigator# in this project..
4. We would like to encourage other folks who are interested in this project to help and to keep us informed of thier activities..
..
5. #SLIX File Server Project:..#
5. The SLIX File Server Project to connect Sinclair #Clients# to #FSF/MSDOS/Minix/Un#x# #Servers# thru QL, TS2068, & TS1000 #Server Adapters# is continuing..
5. We hope to have prototypes and publish technical information for Do-It-Yourself Projects by Fourth Quarter 1991..
..
6. #Internet Information Formats and Protocols:..#
6. Our investigations into these continues. Those of you familiar with #Internet# will probably see a lot of familiar things in #SincLink# ..
6. We suspect #SLIX# will end up being a Super Set of the #Internet# protocols..
..
7. #HELP US SHARE INFORMATION!!!!:..#
7. As you can see, we have been able to collect a fair amount of Sinclair information, but we can always use more..
7. Please send us information in the form of #Timex Sinclair Articles# or reports on your #Timex Sinclair Activities# ..
7. You may send your information on disk or paper, or upload information to the MFSRBB; or send us Email on #Internet# so that we can share the information with others!!!!..
..
8. The #Sn91q1# issue of #SincLink# contains the following files (6):..
8.0 Fields (4):..
8.0.1 YYMMDD.HHMMSS -- Usually time last revised but may be Internet #Date:# field converted to SLIX format and current Pacific Time Zone time (either Standard (PST) or Daylight Savings (PDT) which ever is in affect)..
8.0.2 Bytes -- File Size..
8.0.3 Filename_ext -- Directory/Filename_ext (36-characters maximum)..
8.0.4 Subject and/or Description -- Subject #S:# ; possibly from Internet #Subject:# field and/or Description #D:# ; (probably added by SLIX)..
YYMMDD.HHMMSS Bytes Filename_ext Subject and/or Description --..
------ ------ ----- -------- --- -------- ----- ----------..
in use Sn91q1 S: SincLink News for 1991 Quarter 1..

910423.1522 17381 Si911q S: SincLink Newsletter Information..
910411.1213 41397 Sa9103 S: SLIX Activities and Articles for March_1991_(17):..
910305.1258 25874 Sa9102 S: SLIX Activities and Articles for February_1991_(20):..
910305.1241 55879 Sa9101 S: SLIX Activities and Articles for January_1991_(36):..
910423.1824 QLMenu/pf_bas S: QL Page Formatter..
...

---------- --------- ----- ----------..
..
Continued from page 25..
..
2..
Sx91102a_Pn90C_8--- PACC TALK..
Previous Exchange Newsletters (2):..
Sx90B26c_Pn90B_8--- PACC TALK..
Sx90A15a_Pn90A_8--- PACC TALK..
Pittsburgh Area Computer Club Newsletter, Dec. 1990, 8pages..
c/o Ralph Vasko_412-379-8762..
--- DBase VP..
--- One Virginia Drive..
--- Donora;; PA_15033..
..
Other Contact:..
Timex Sinclair SIG..
c/o Judy Muir_412-379-8762..
..
Contents (2):..
1. BBS Downloads;; By: Phil Cutara (2):..
1.1 BBSHost - A Telix mini BBS..
1.2 PCBoard Demo BBS - One of the most used BBS's in the USA..
2. 20MB Floppy Drive Evaluators;; By: ?..
...

1..
Sv91101a_buf..
ShSv1101..
Revision: 910103.1032_PST..
Lines: 4202..
Characters: 164835..
Subject: SLIX SVCS1 buffer capture with QL52 of January 1, 1991;; Items of Interest? (21):..
0.1- 6787 Frequently asked questions about comp.lang.c
1. 6738 Re: p2c needed
2. 3362 Nested macros difference between g++ and AT&T cpp
3. 2047 Soviet sites
4. 3681 GNU CPP ported to MINIX-386 and other things
5. 3682 Minix Information Sheet (Last Changed: 1 Jan 1991)
6. 3683 Changes to the Minix Information Sheet
7. 19437 Re: AmigaUUCP 1.06D and V32 (9600bps) problems...
8. 19438 Re: UUCP Summary
9. 19451 USSR Forgery
10. 6159 Re: GNU (as it applies to the ST)
11- 7466 Frequently Asked Questions on rec.aviation
12- 7474 ASI Monitor, Jan 1991
13- 1777 Freeze Plugs
14- 1898 Swimsuit calendars banned in Vancouver ???
15- 1899 DISCLAIMER
16- 1605 Frequently asked rec.woodworking questions (last changed 10/4/90)
17- 1606 Frequently requested woodworking addresses (last changed 1/1/91)
18- 1607 Changes to list of frequently requested addresses
19- 1608 Sources for frequently requested tool reviews
20- ******** End of newsgroups--what next? [npq] (Entering "L" lists "Newsgroup Subscription Status- 500lines)..
21- slixmenu.shl demonstration..
...

----------..
Se910102.1722;; Sa9101_END..
...

ShSa913..
Revision: 910411.1213_PST..
Size: 9oo..
Characters: 41797..
Organization: SLIX (SinClair Information eXchange)..
Telecom-Info : ..
1. SLIX 408-253-3175 (Voice: Bill Miller)..
2. MFSBBS 408-253-2295 (Sysop: Steve Nichols)..
3. Internet(4): sysol (2):..
3.1 !slix (Bill Miller)..
3.2 !clark (Clark Murphy)..
3. @mips.com..
3.3 tswenson@dgis.dtic.dla.mil (Tim Swenson)..
3.4 wahl@oci.berkeley.edu (Mark Wahl)..
File type: Activities and Articles..
Filename: Sa913 (Sa912)..
Maximum-Paragraph: 25characters..
Subject: SLIX Activities and Articles for March_1991_(17):..
...

17..
Sx91330a_Pn913_8--- PACC_NL..
Previous Exchange Newsletters (5):..
Sx91219a_Pn912_8--- PACC TALK..
Sx91126a_Pn911_8--- PACC TALK..
Sx91102a_Pn90C_8--- PACC TALK..
Sx90B26c_Pn90F_8--- PACC TALK..
Sx90A15a_Pn90A_8--- PACC TALK..
Pittsburgh Area Computer Club Newsletter, Mar. 1991, 8pages..
c/o Ralph Vasko_412-373-8762..
--- DBase VP..
--- One Virginia Drive..
--- Donora;; PA_15033..
..
Other Contacts (4):..
Timex Sinclair SIG -- Judy Muir_412-373-8762..
[illegible] SIG -- Sam Vincent_412-845-8612..
[illegible].0 SIG -- Perry Sinchioco_412-247-1538..
Midi SIG -- Jim James_412-731-3239..
BBS's (3):..
NorthStar-BBS_412-881-1749 -- Sysop: Geoff Block_T:_ ..
Methodist-One-BBS_412-683-1377 -- Sysop: Richard Snyder_T:_ ..
Magic-Board-BBS_412-673-3202 -- Sysop: Steve Lipp_T:_ ..
Contents (4):..
1. " CP/M_Notes_" -- By: Samuel Vincent..
1.1 Financial Report..
1.2 "CP/M Software Vendors List"..
1.3 New CP/M newsletter from:..
1.3 A: Lee Bradley_T:_ -- Small Computer Support Company -- 24 East Cedar Street -- Newington -- CT_06111..
2. MSDOS "_Geowrite_Evaluation_" -- By: John D. Hankowsky_T:_ -- S: program review..
3. "_WHAT'S_PACC_GOOD_FOR?_(a_true_story)_" -- By: "_Grateful_Member_"..
4. "$NOTICE TO MEMBERS$" -- S: Request for articles..
5. "PC SIG CATEGORIES" -- By: Phil Cutrara_412-766-8790 -- S: Phil would like a disk cataloging program that allows more than 30 characters for the comment. Can anyone help?..
...

16..
Sx91329a_Cn913c1_8- CTSC NL..
Previous Exchange Newsletters (7):..
Sx90628a_Cn90c3_7- CPAGIST NL..
Sx900326_Cn902t1_6- CPAGIST NL..
Sx900312_Cn902t1_6- CPAGIST NL..
Sx900220_Cn90t3_72 CPAGIST NL..
Sx900220_Cn89_dir..
Sx891223_Cn89C1B_6- CPAGIST NL..
Sx891120_Cn89C1B_7- CPAGIST NL..
Previous contacts (3):..
Sc91131c_Lambert_DL..
Sa91119a_Lambert_DC..
Sc90A20b_Lambert_DL..
Classic Timex Sinclair Computers Newsletter, January to March 1991, 8_pages..
A: Donald S. Lambert_319-588-6768..
-- Editor..
-- 1301 Kiblinger Place..
-- Auburn -- IN_46706..
"..
Supporting (10): MicroAce, ZX80, ZX81, TS1000, TS1500, TS2068, ZX Spectrum, PC8300, TC8300, & all related (3): Hardware, Software, & Documentation..
"..
Contents (9):..
1. R.I.P.: CPAGIST: 900926-860118..
2. IOWA TS Users -- From: Frank Davis (15):..
2.1 William F. Blum_Jr._T:_ -- 2535 Central #4 -- Dubuque -- IA_52001..
2.2 Scott Mugan_319-588-6768 -- Box 609, Clark College -- Dubuque -- IA_52001..
2.3 David Youngquist_T:_ -- 1214 Clinton -- Des Moines -- IA_50313..
2.4 Jeff Adrian_T:_ -- 2031 Park Avenue S.E. -- Cedar Rapids -- IA_52404..
2.5 Terry Randall_T:_ -- 5511 Hickory Wood Court N.W. -- Cedar Rapids -- IA_52401..
2.6 Wesley Roediger_T:_ -- 133 Cherry Hill Road N.W. -- Cedar Rapids -- IA_52405..
2.7 Michael L. Hereid_Sr._T:_ -- 410 2nd Ave. N. -- Clinton -- IA_52732..
2.8 Kirby L. Kleffmann_T:_ -- 1504 Devitt -- Muscatine -- IA_52761..
2.9 Jim Driscoll_T:_ -- 906 S.W. Frazier -- Des Moines -- IA_50315..
2.10 Mike Leduk_T:_ -- 137 19th Street N.W. -- Cedar Rapids -- IA_52405..
2.11 Gary D. Young_T:_ -- 586 9th Avenue -- Marion -- IA_52302..
2.12 Mike Leidel_T:_ -- 415 Greenwood -- Muscatine -- IA_52761..
2.13 Ben Kahler_T:_ -- Box 171 -- Fenton -- IA_50539..
2.14 Larry A. Anderson_T:_ -- 6203 Western Ave. -- Davenport -- IA_52806..
2.15 Jody Koenig_T:_ -- 310 Center St. -- Decorah -- IA_52101..
3. TS2068 Ramdisk Board Battery Backup..
4. Don's Move from Cedar Rapids..
5. TS2068 Oliger Board RGB Modification From LIST NL For Don's New $MAGNAVOX RGB MONITOR 80$ Display..
6. $Laser$ PC4/ PC3 report..
7. Request for help in converting TS Cassette programs to disk -- From: A: Dennis N. Sylvestri_T:_ -- 256 Lloyd Street -- New Haven -- CT_06513..
8. TS2068/ TS1000 Disk System Report. Don suspects there are about 1700 TS2068 Disk Systems..
9. Schematic for Mike Le Duc's System..
Note: Don writes:..
"..
Dear Bill,..
Can you read 5.25 40 track Oliger disks? That now seems to be my preference..
Don..
"..
Don:..
We can probably read 5.25-in 40-track Oliger disks. Send us one and we will give it a try..
We must appologize for not responding to your 910131 letter - especially since you sent us a SASE..
We had hoped to have a reorganized SinCLink to send you on both paper and disk, but we haven't made as much progress as we would like..
Have you made any progress in $EASILY$ reading an MSDOS diskette? Perhaps Bob Swoger or George Chambers could help..
Please keep us informed of your progress..
...

15..
Sa91325a_Maton_WL..
Previous Contact:..
Sc90B10b_Maton_WL..
Letter from: William Maton_T:_ ..
"..
15 March, 1991..
Dear GUTS/V:..

..
Thank you for your letter of reply! I plan to write every time I have a new development. I'll be sending you a sample print out of the new ROM I am designing the next time I write..
I welcome any suggestions or improvements to both the hardware and software parts of this project from any users..
..
At the same time I wrote, I also wrote to the North America Sinclair User's Group, but at the time of writing (March 15), I have received no word..
I basically wrote asking if they had set-up some sort of standard for ZX81 hardware/ software, i.e. software flags used, memory regions used, physical interfaces, etc. Do you know of any such standards?..
..
So far the project seems feasible. I just have to figure out the more intricate parts of the ULA. Thanks for the EIX address, I'll be trying them soon because I still haven't sorted out the ULA's A0'-A8' decoding..
Thank you also for the ZX80 schematic..
..
As far as I can see, the only resource that will be wasted on the Z180 will be its interupt vectoring structure..
..
Once again, thank you for your help..
..
Yours Truly,
William F. Maton..
"..
...

14..
Sx91323a_In91211_-- ISTUG_NL..
Previous Exchanges:..
Sx91110e_In90Ct8_10 ISTUG_NL..
Sx90825f_In90At9_14 ISTUG_NL..
Sx90904c_In90Ct7_10 ISTUG_NL..
..
Indiana Sinclair Timex User Group Newsletter, January - February 1991, 8 pages..
c/o Frank Davis_317-[illegible]..
--- Editor..
--- 513 East Main Street..
--- Peru;; IN_46970..
..
Other contact: Paul Holmgren_317-291-6002..
..
Contents (5):..
1. Next meetings: March 30, April 27, & May 7 -- (Club picnic in May)..
2. Polaroid Charts and Ad (referred to in Radiation and VDT -- Radiation and VDT by Polaroid..
3. Stepping Rate Fix on TS2068 and Larken -- By: Bob Seager & Larry Kenny -- (excerpted from CATUG NL)..
4. Sinclair ZX81 Schematic..
5.- $Oooo, More News You Can Use From Across The Pond $ -- UK Product News;; By: Mike Felerski (4):..
5.1 S: TS2068/ Spectrum Fall 1990 New Software Releases (1): Total Recall;; Teenage Mutant Hero Turtles, By: KONAMI;; F-16 Combat Pilot, By: Digital Integration;; & a game based on the old Monty Python's Flying Circus Television program..
5.2 S: TS2068/ Spectrum Hardware Vendors (4):..
A: Video Vault, Ltd.; VV_T:_UK_0457-866555; Visa Orders..
-- Railway Street..
-- Hadfield -- Cheshire -- SK14-8AA..
-- England..
A: Microsnips Ltd. Microsnips_T:_UK_051-630-3013; Visa. Access..
-- 37 Seaview Road..
-- Wallasey -- Merseyside -- L45-4QN..
-- ENGLAND..
A: Datel Electronics Ltd. DEL_Tel.:_UK_0782-744707, Visa/ Access Orders, 24hrs..
-- Govan Road..
-- Fenton Industrial Estate..
-- Fenton, Stoke-On-Trent;; ST4-2RS..
-- ENGLAND..
A: INSPEC_T:_ ; VISA, ACCESS..
-- P.O. Box 20..
-- Blackrock -- CO. Dublin..
-- IRELAND..
...

13..
Sa91320a_GUTSCE/SV_1..
...

12..
Sa91318c_Weird_Stuff_FT..
Field Trip to: $Weird Stuff$ -- Re: SJMN_910318..
...

11..
Sa91318b_Shepard_RN..
Newsletter returned -- Re: Sc90725a..
...

10..
Sa91318a_Nichols_SM..
Meeting with: Steve Nichols..
Steve contributed the following files to the SLIX Library (2):..
Revisn.Time Bytes DFilename_ext Subject - ------ ----------..
910319.0924 1847 sbc_txt S: $90 IT Single Board Computer? -- For: SLIX TS File Server Project..
910319.0947 11342 CPMTerm_txt S: CPM Terminal Program (IMF v244) from: Steve Nichols..
This file was created from $TERMINAL.COM$ by the QL Menu Procedure CVF Convert and View File -- For: Bob Orrfelt's TS2068/ Timex Disk Drive/ File Server Adapter Project..
910319.0901 18944 TERMINAL_COM
...

9..
Sa91317a_TSCPUG_5..
Timex Sinclair Cambridge Peninsula User Group Meeting..
Attendees (5): Walt Johnson, George Mockridge, Bill Miller, Norm Lehfeldt, & Bob Orrfelt..
1. Walt asked about transfering TS2068 files to MSDOS diskettes. Can any one help?..
2. George brought the TSCPUG Exchange Newsletters (6):..
Tx91317_Cn90Ct8_14 CATUG_NL -- Re: Sx91206..
Tx91317?_Cn90At9_14 CATUG_NL -- Re: Sx91206..
..
Tx91227a_Cn913_10-- CCAT/S_NL..
$THE PLOTTER$ Clackamas County Area Timex Sinclair User Group Newsletter, March 1991, 10 pages -- Postmarked: "Feb 27 1991"..
c/o Rod Gowen_503-655-7484..
--- Treasurer..
--- 1419 1/2 7th Street..
--- Oregon City;; OR_97045..
Other Contact:..
A: Jack Armstrong_ACD-235-6244..
-- Chairman..
-- 1624 E. Insley..
-- Portland;; OR_97202..
Other Officers (7):..
Editor -- Dick Wagner_Tel.:_ ..
V/Chairman -- Bill Dunlop_Tel.:_ ..
Secretary -- Dick Wagner..
PR Officer -- Rob Evans_Tel.:_ ..
Librarians (3):..
Terry Graham_Tel.:_ ..
Bill Dunlop..
Alice Dunlop_Tel.:_ ..
Contents ():..
1. Editorial..
2. February CCAT/S Meeting Minutes. Attendees (Other than officers): D.S. Lewis_Tel.:_ , & Donald Male_Tel.:_..
3. $Notice to All Newsletter Editors$..
4. TS2068 Large Letter Print Program BASIC Listing -- By: Michael J. Di_Rienzo..
5. Bits & Bytes -- By: Rod Gowan..
6. $More 2068 Graphics$ -- By: Dick Wagner..
7. $the plotter pc page$ -- By: Rod Gowen..

8. $Using BASIC with MS-DOS$..
9. $Make a Wampum Grate$ -- By: Dick Wagner -- S: TS2068 Graphics Program Listing..
..
Tx91206a_En912_28-- SEATUG_NL..
$SWYM$ The Seattle Area Timex/ Sinclair User Group Newsletter, February 1991, 26 pages -- Postmarked: "Feb 6 1991"..
c/o Robert Cazares_Tel.:_ ..
--- Newsletter Exchange & Editor..
--- 601 E. Roy St. #102 ..
--- Seattle;; WA_98115..
Other Contacts (2):..
A: Derryck Turner_Tel.:_ ..
-- President..
-- 10909 NE 45 St. ..
-- Kirkland;; WA_98115..
A: Chuck Kereluck_Tel.:_ ..
-- Editor..
-- 9013 32 Ave. NE..
-- Seattle;; WA_98115..
A: Dave Battershill_Tel.:_ ..
-- Treasurer..
-- P.O. Box 64462..
-- Tacoma;; WA_98464..
Other Officers (3):..
V. President -- Gerry Desmairis_Tel.:_ ..
Secretary -- Malcolm Post_Tel.:_ ..
Librarian -- Dale Fritz_Tel.:_ ..
Contents ():..
1. SWYM Contents..
2. Editorial -- By: Robert Cazares..
3. Ad From: A: Zunk Custom Electronics -- 1419 Ferris -- Waxahachie;; TX_75165..
4. SEATUG Meeting Minutes of January 3, 1991 -- By: Malcolm Post. Treasurer's report: $250.16 Balance..
5. $Origin:$ Cartoon from: $Sync$ Volume 1 Number 1. Jan./ Feb. 1981..
6. QL Primer -- By: Ken Goods_Tel.:_ . Toolkit II Manual on diskette available for $2 + 3.5in disk..
7. ZX88 News -- By: Michael Stone_Tel.:_ $ZX85$ and $Atari Portfolio$ compared..
8. TS2068 $LOTTO$ Program Listing -- By: Michael J. Di_Rienzo_Tel.:_ ..
9. $Random Bits$ -- By: Chuck Kereluk -- S: SWYM Ad-Coordinator Wanted. Steven Spaulding_Tel.:_ working on TS2068 $Pixel Print Professional V6.0$ ..
10. Linked Lists and Recursion -- By: Dale Fritz..
11. LOG-ON! -- By: Robert Cazares -- Subjects ():..
11.1 TS BBS List (26)..
11.2 TS File List (131)..
12. FOR SALE (Prices negotiable) By: Mike Di_Rienzo_205-935-9272..
12.1 (2) Complete 2068's, P/S, manual..
12.2 (2) 2040 printers with p/s..
12.3 (1) 2050 modem, no case, no p/s..
12.4 (2) TS1000 w/manuals & p/s..
12.5 (2) Spectrum microdrive systems for use w/spectrum ROM. Includes 2 microdrives, Interface 1, Z-LINK, manual, 2 MD cartridges..
12.6 (1) microdrive (only) w/manual. Good for backup..
12.7 (2) Spectrum EPROMS, plugs into dock bank..
12.8 (1) Z-I/O serial port board, w/docs..
12.9 (12) 27128 EPROMs..
12.10 Books ():..
12.10.1 TS1000/ ZX81 Users Handbook..
12.10.2 TS2068 Beg./Int. Guide..
12.10.3 TS2068 Int./Adv. Guide..
12.10.4 TS Color Graphics..
12.10.5 50 Programs for the TS2068..
12.10.6 TS2068 Tech. Reference Manual..
12.10.7 50 Tips for Better Sinclair Computing..
12.10.8 ZX Spectrum Computer Manual..
12.11 Software w/docs for the TS2068..
12.11.1 Crazy Bugs (Cartridge)..
12.11.2 States/Capitols (Cartridge)..
12.11.3 Budgetter (Cass.)..
12.11.4 Flight Simulator (Cass.)..
12.11.5 Spelling I (Cass.)..
12.11.6 Circuit Board Scramble (Cass.)..
12.11.7 Casino I (Cass.)..
12.12 Software w docs for the Spectrum (All on cassettes) ():
Yacht Race, Contact Bridge, Chess, Chequered Flag, Scrabble, Make-a-Chip, & SuperCode..
..
Tx91129a_En912_10-- CCATUS_NL..
$THE PLOTTER$ Clackamas County Area Timex Sinclair User Group Newsletter, February 1991, 10 pages -- Postmarked: "Jan 29 1991"..
Contents ():..
1. $Chairman's Corner$..
2. December CCATUS Meeting Minutes. Treasure's report: $240 Balance. $The Plotter$ Newsletter costs about $450 per month. Attendee: Merlin Raymond_Tel.:_ ..
3. Bits & Bytes -- By: Rod Gowen..
4. $The Grow Muffin Miracle$ Muffin recipe (use 1 3/4 cups flower instead of what the recipe says -- Re: Tx91122a_En912_10)..
5. $CMPRESS$ TS2068 SCREEN$ Compression Program BASIC Listing -- By: Michael J. Di_Rienzo..
6. TS2068 Graphics -- By: Dick Wagner..
7. $Who are we?$..
7. $the plotter pc page$ -- By: Rod Gowen..
8. $Using BASIC with MS-DOS$ -- By: Dick Wagner..
9. $From The Editor's Desk$ FOR SALE: For AERCO FD68 system: 2 drives, IF, LADOS cartridge (switchable), improved power supply, + software. Contact:..
A: Dotty Sundy_805-642-1657..
-- 189 Stadium Drive..
-- Ventura;; CA_93003..
..
Tx91107a_In90CtB_10 ISTUG_NL -- Re: Sx91110..
..
2. George also brought (3):..
2.1 Two letters from: Don Lambert -- dated (2): 910219, & 910127..
2.2 An article about $Sir Clive and the C5$ from the book $Live to Work$ by Victor Kiam..
2.3 A postcard from:..
A: Andy Wisdesky_719-550-4617 (work ..
-- 975 Noble Dr. W. ..
-- Colorado Springs;; CO_80916..
2. George also showed his new $Canon PJ-5 Inkjet$ printer..
3. Bill reported on the $Fry's$ ad which offered a 386sx system with 42MB hard drive and VGA Color Display for $649 (probably a misprint)..
4. Norm brought the $ZX88 Fax News$ newsletters (2):..
4.1 ZFN9102_2 -- c/o Curtis Clear_307-324-6600..
Contents (4):..
4.1.1 ZEI-88 BBS_703-968-9475..
4.1.2 NY_ZSBBS_212-477-2969 -- SysOp: Jack Krueger_T:_ ..
4.1.3 EPROM Eraser Ad from:..
A: Len Flynn_Tel.:_ ..
-- 325 Parkview Terr. #18..
-- Oakland;; CA_94610..
4.1.4 New Address for:..
A: Domino Cubes..
-- Mike Fink_212-749-7061, Fax: 212-268-4122..
-- 1800 7th Avenue Suite 1-C..
-- New York;; NY_10026-3601..
4.1.5 ZX 1024k RAM -- $495 -- From: Micro_Systems_801-575-8855..
4.2 ZFN9111
4. Norm also promised to look for the $QL User$s and $QL World$s Mark Wahl needs..
5. Bob reported on his progress in the Timex Portugal/ Zebra serial port project..
...

8..
Sm91310a_wahl_MM..
Meeting between Mark Wahl and Bill Miller..
Mark reported on his progress on the $QL C Compiler Source Code Project$. He finds he needs the Sinclair QL Standards (2):..
1. Floppy Disk Standard..

2. Relocatable Object File Standard..
Re: Sinclair QL Software Developer's Guide page 130..
The $GST Linker Manual$ may work in place of the $Relocatable Object File Standard$. Can anyone help?..
Bill suggested contacting (4):..
1. @ Jump Tony Tebby Tel.: UK 0954-56800 -- Re: QL World April 1990..
2. Metacomco Tel.: UK 0272-428781 -- Re: QL World May 1989..
3. GST Tel.: UK 0954-81991 -- Re: QL User January/ February 1986, QL World June 1987..
4. A: QUANTA, Supporting Sinclair QL. 150- -- c/o David Johnson T: UK 0789-842543 -- The Corner House -- Loxley -- WARWICK -- CV35-9JT -- ENGLAND --Re: Computer Shopper Feb. 1991 User Groups..
Bill found an article about the $QL Microdrive Format$ -- By: Colin Opie in $QL User January/ February 1986$. An article about the $QL Disk Format$ was promised for the next issue. Does anyone have this issue?..
Bill also found some articles on $QL Device Drivers$ -- By: Colin Opie in $QL World$ April & June 1987. Does anyone have the remainder of the series?..
This is for our $QL IDE Controller$ project to connect the QL to Integrated Drive Electronics Hard Drives..
Mark contributed the following files to the SLIX Library ():..
flp2 WM91111d
213/1440 sectors
DFileName ext Bytes Revisn.Time Subject-- ------ ----------..
ads9102a_doc 49029 S: SLIX $Application Developement Standard$ -- By: Mark Wahl..
unixflavor tx 1920 S: Usenet $rec.jokes.funny$ Article: UNIX Flavors..
notosi_txt 9728 S: Usenet $rec.jokes.funny$ Article: OSI Networking Protocol..
mpf_c 2848 S: QL $Memory Profile Function$ Program to display memory used for (6): RAM & heap, Free area, SuperBASIC, Transient Program Area Used, TPA Available, & Resident Procedures..
MPF_O_BIN 16338
tar2_c 10132 S: QL Tape Archive (TAR) Reader Program..
mach3shar_txt18048 S: Mach OS Availability Information from Usenet..
mnalc_c 2691 S: New Memory Allocation Program for QL..
ql_c 7586 S: QL Terminal Driver for MicroEMACS 3.8b -- Revised by: Mark Wahl -- For: Dynamic Memory Allocation?..
ql_o 1928
mnalc_o 1196
dmacs_exe 98K
resume2_doc 4096 S: Resume for: Mark Wahl..
dmacs_lnk 721 S: QL MicroEMACS 3.8b, TV, Dynamic Memory Allocation? Version Linker File..
...

7..
Sa91309b_Wahl_MW..
Note to: Mark Wahl..
Mark:..
As you can see, some interesting news has come from Usenet..
We have inclosed a disk with the Source Code for an MSDOS linker. Hopefully it will help with the Source Code to the QL C Compiler you are working on..
Perhaps you could contact Johan Klockars about the 4K program that loads the QL ROM image into the Atari ST..
Then perhaps the next time the QL keyboards die, we can use an Atari ST or a 68030 board in a 386sx or 486sx..
Did you ever make any progress on dynamic memory allocation for $QL MicroEMACS 3.8b$? We are still having memory management problems, but we have been able to work around them..
Hope to hear from you soon..
...

6..
Sa91309a_SVCS1_buf..
SVCS1 Buffer capture:..
Revision: 910309.1147_PST..
Lines: 247..
Characters: 11097..
Filename: QLST (Sv91309Ia,b)_buf)..
...

Article 7757 (241 more) in comp.sys.atari.st:
From: Adam David
Subject: Re: QL Emulator on ST
Date: 7 Mar 91 15:49:41 GMT
Organization: University of Iceland
Lines: 11

--MORE--(57%)
Just in case anyone else out there needs this information, the non-PD QL emulator for the ST is available from:
..
Jochen Merz Software
Im Stillen Winkel 12
4100 Duisberg 11
Germany

tel: ...49-203-501274

Like it's said, I'm just a satisfied customer (true).
End of article 7757 (of 7771)--what next? [npq] 7738

Article 7738 (240 more) in comp.sys.atari.st:
From: Klamer Schutte -- Universiteit Twente
Subject: Re: QL Emulator on ST
Date: 7 Mar 91 07:57:24 GMT
Organization: University of Twente, BSC-EI
Lines: 47

--MORE--(20%)
In <53333111@arium.stgt.sub.org> be@arium.stgt.sub.org (Bernd Ebachi writes:

>In article <klamer.667494771@ei.eltn.utwente.nl>
klamer@ei.eltn.utwente.nl
>>Klamer Schutte -- Universiteit Twente> writes:

>> In <1991Feb23.063153.22410@isis.cs.du.edu>
rcarter@isis.cs.du.edu (Ron Carter) writes:
>>
>> >Really? A QL (Sinclair!) emulator for the ST? Should be possible as the
>> >CPU is the same (or did the QL use a 68008 or maybe a 68010?) but close
>> ^^^^ 68008 it was
>> >enough...

>Very close. To be more specific exactly the same besides just 8Bit
>Data> and 20Bit AdressBus.
For clearity: the 68008 is just a 68000 in a package with less pins.

>> Should be possible, but probably is difficult. Most programs on the QL are pi cky
>> about their screen resolution :-(

>Has been done. For ST with extentional hardware (for displaying 512x256).
>For Amiga without any hardware but less kompatibility.
But we were talking about an PD one -- additional hardware means $$$.

>> Should be nice, though -- a QL has a better OS (IMHO) than TOS.

>Depending on how you define 'better OS'. Mutitasking and windows are nice; but passing parameters trough register? Opening windows without saving background? No proper device handling?..
..

Passing parameters through registers is more efficient. And
so the TOS system call interface is not very comfortable
from C. You always have to save the return address from the
stack before the trap..
The actual devices on a QL aren't my favourite. But this has
nothing to do with the OS; its the QL OS which easily allows
addition of a different window system..
..
>Nevertheless it was some sort of genius to program a nice
multitaksing os with some sort of window handling plus a
really super basic interpreter into just 48 kB..
..
And please remember that a QL was at the time of introduction
really a bargain -- the only other m68k systems for home use
were the Lisa and Mac then..
Also at introduction of the ST the QL still was cheaper. But
the ST is much better supported than the QL was..

--
Klamer Schutte
Faculty of electrical engineering -- University of Twente, The
Netherlands
klamer@mi.eltn.utwente.nl
(backbone)!mcsun!mi.eltn.utwente.nl!klamer
End of article 7738 (of 7771)--what next? [npq] 7669

Article 7669 (239 more) in comp.sys.atari.st:
From: Bernd Ebach
Subject: Re: QL Emulator on ST
Date: 1 Mar 91 11:22:52 GMT
Organization: The Great Circling Poets of Arium
Lines: 37
X-Version: Rodney's UUCP modules 02/11/90 V1.18

--MORE--(26%)
article <klamer.667494771@mi.eltn.utwente.nl>
klamer@mi.eltn.utwente.nl
(Klamer Schutte -- Universiteit Twente) writes:
(Sender was: news@utrcul.UUCP)

> In <1991Feb23.063153.22410@isis.cs.du.edu>
rcarter@isis.cs.du.edu (Ron Carter) writes:
>
> >Really? A QL (Sinclair!) emulator for the ST? Should be
possible as the
> >CPU is the same (or did the QL use a 68008 or maybe a
68010?) but close
>
^^^^^ 68008 it was
> >enough...

Very close. To be more specific exactly the same besides just
8Bit
Data^ and 20Bit AdressBus.

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on the QL are pic ky
> about their screen resolution :-(

Has been done. For ST with extentional hardware (for displaying
512x256).
For Amiga without any hardware but less kompatibility.

> Should be nice, though -- a QL has a better OS (IMHO) than
TOS.

Depending on how you define 'better OS'. Mutitasking and
windows are
nice; but passing parameters trough register? Opening windows
without
ing background? No proper device handling?

Nevertheless it was some sort of genius to program a nice
multitaksing
os with some sort of window handling plus a really super basic
inter-
preter into just 48 kB.

TschauTschau
Bernd
--

--
be@arium.stgt.sub.org | be@aragon.gtc.de
ud01@kaun12.bitnet
(X.400: ud01@ibm3090.rz.uni-karlsruhe.dbp.de)

--
End of article 7669 (of 7771)--what next? [npq] 7642

Article 7642 (238 more) in comp.sys.atari.st:
From: Johan Klockars
Subject: Re: QL Emulator on ST
Summary: It does exist!
Keywords: QL, ST, emulator
Date: 28 Feb 91 11:07:58 GMT
Organization: Chalmers University of Technology, Gothenburg,
Sweden.
Lines: 54

--MORE--(21%)
There is indeed a (software only) QL-emulator for the ST, but
only I and a few of my friends have known about it until now
(I wrote it)..
..
The emulator consists of a small (about 4k I think) .prg file,
which loads two files and patches them in ram. The files
needed are straight memory dumps of the QL-rom and the
Trumpcard rom..
..
The Trumpcard disk interface code is used because I haven't yet
had the time to write my own disk directory device driver. I'm
not sure I'll ever do it..
..
The emulator probably only works with the Swedish MGE rom now,
but I will adapt it to JM shortly. I'm also trying to make it
run on the Minerva roms..
Those are the only roms I have access to..
..
The roms are of course copyrighted, so I don't think I could
distribute them, but if you have a QL with Trumpcard you need
only dump them to disk and transfer them to an ST disk..
..
I believe you have to send in a rom dump when you order the
hardware based emulators, but the Amiga QL emulator consists
of a patched rom so perhaps it is legal. Has anyone talked to
Amstrad (the company that bought Sinclair)?..
..
Some info about the emulator:..
..
The QL-screen is emulated in monochrome by a multitasking job.
..
It reads and writes QL-disks, but no error checking is done on
writes.
..
Format does not work yet..
..
Serial comm, MIDI etc are NOT implemented yet.
..
Turbo, Desktop Publisher, The Editor, PSION xchange and most
other applications work just fine..
..
Some games, for example Scrabble, are ok, but many are not..
..
The speed with screen emulator at priority 32 is about the same
as my QL with CST-ram..

I have decided to put the current version of the program in the
public domain, but I don't think it's good enough to be posted
to .binaries yet..
You could consider it a beta-release..

..
I won't have the time to transfer the program onto this UNIX system for a few weeks, but if you are interested, please mail me..
Questions and suggestions are welcome..
--
Chalmers University of Technology | Why are these .signatures so hard to do? | e-mail : d8klojo@dtek.chalmers.se
Address: Johan Klockars
Foreningsgatan 32/408
Gothenburg, Sweden | Gothenburg, SWEDEN
411 27
End of article 7642 (of 7771)--what next? [npq] 7636

Article 7636 (237 more) in comp.sys.atari.st:
From: Nico Verwer
Subject: Re: QL Emulator on ST
Date: 26 Feb 91 10:56:39 GMT
Lines: 55

In <klamer.667494771@mi.eltn.utwente.nl>
klamer@mi.eltn.utwente.nl (Klamer Schut --MORE--(14%)te -- Universiteit Twente) writes:

>In <1991Feb23.063153.22410@isis.cs.du.edu>
rcarter@isis.cs.du.edu (Ron Carter) writes:
>>Really? A QL (Sinclair!) emulator for the ST? Should be possible as the
>>CPU is the same (or did the QL use a 68008 or maybe a 68010?) but close
>
>>enough...
>Should be possible, but probably is difficult. Most programs on the QL are pick y
>about their screen resolution :-(
>Should be nice, though -- a QL has a better OS (IMHO) than TOS.

I have the april 1989 issue of the dutch magazine Atari ST Nieuws in front of me, and in it is a review of a QL-emulator. I'll summarize some of the main points..
..
It is/was built by a norwegian company called Futura Data Center.. and was available from:..
[Strong Computer Systems, Bryn Cottage, Peniel, Carmarthen, Dyfed, SA32 8DJ, England]..
and:..
[Jochen Merz Software, In Stillen Winkel 12, 4100 Duisburg 11, Germany (tel. +49-2035-97283)]..
(remember, this was almost two years ago!)..
..
The emulator requires a hardware modification: It is a small PCB that should be inserted between the video-shifter and its socket. Also you should make 6 soldering connections..
On the PCB is, a.o., an original Sinclair 8301 chip. The PCB costs hfl 750,- (approx. 220 pounds, DM 700), _without_ 8301, which should be bought seperately. The 8301 is included in the German version, which costs DM 850..

The QL operating system comes on a floppy disk. Since low addresses in the ST are RAM, and the QL operating system resides at the bottom of memory, no changes to the QL operating system had to be made..
QL disks (not microdrive-cartridges) can be read by the ST without problems..
Sound is emulated faithfully..
..
QL programs run three to six times faster than on the QL. For games, speed can be decreased :-) ..
Everything, including multitasking, runs fine (don't flame me, I don't need multitasking, and I don't have an amiga ;-) ..:
A 'real' QL has 128 kB RAM, of which 88 kB can be used. On the ST, there is a whopping 850 kB left!..
..
A provision is made for ROM-port keys, which sometimes come with copy-protected software..
..
The QL video modes cannot be fully emulated on the ST; In medium resolution there are only 4 colours instead of 7..
The printerport works fine..
..
I don't know whether this emulator is still available, so do not ask me!..
I have no connection with Futura Data Center; in fact I don't own this emulator myself. This is just for your information..
--
Nico Verwer
nico@cs.ruu.nl
Dept. of Computer Science, University of Utrecht | phone: +31 30 533921
p.o. box 80.089, 3508 TB Utrecht, The Netherlands | fax: +31 30 513791
End of article 7636 (of 7771)--what next? [npq]
...

Article 51 in comp.sys.m68k.pc (moderated):
From: Gary Trimble
Subject: PC(AT) format 68000 Single Board Computer?
Keywords: PC(AT) Bus
Date: 3 Mar 91 18:22:54 GMT
Followup-To: poster
Organization: Lockheed AI Center, Palo Alto, CA
Lines: 5

--MORE--(65%)
I would like to locate the vendors of a 680(10/20/30) Single Board
Computer (SBC) that "plugs-into" a PC or (preferably) PC-AT Bus for
an embedded application. Anyone know of any? Please post or reply email
and I'll summarize. Thanks.
End of article 51 (of 51)--what next? [npq]
...

5..
Sm91306a PC_UNIX SIG (14x3+90.1925)..
PC Unix Special Interest Group of the Silicon Valley Computer Society Meeting..
Attendees: 51 at 7:25pm..
Subjects (2):..
1. BSD386..
1. Bill and Lynne Jolitz Tel.: lynne@berkeley.edu discussed Bill's port of BSD (Berkeley Software Distribution) Unix to the 80386 in cooperation with the UCB Computer Science Research Group..
1. Requirements ():..
1.1 -- cpu: 386sx, 386, or 486..
1.2 -- Floating Point Coprocessor or Software Floating Point Interpreter..
1.3 -- RAM: 640K (2MB to 256MB is better)..
1.4 -- Hard Drive: 100MB..
1.5 -- Hard Drives Supported: ST-506, RLL, ESDI, & IDE..
1.6 -- Displays Supported: MGA, CGA, EGA, & VGA..
1.7 -- Source Code: 150MB..
1. Bill completed this about the first of 1991 and expects it to be available about June or July of 1991..
1. It may be free! Hopefully, Mark Wahl will keep us informed..
..
2. Mach386 from:..
A: MT XINU 415-644-0146, Telex: 9103331733, FAX: 415-644-2680..
-- 2560 Ninth Street..
-- Berkeley;; CA 94710..
2.1 Pricing ():..
2.1.1 $1395 -- Base Package includes: Mach 2.5 kernel, 4.3 BSD interface, GNU utilities from the Free Software Foundation, and on-line reference manuals for Mach and 4.3 BSD..
2.1.2 $249 -- Networking: NFS and TCP/IP from the Berkeley Tahoe release..

2.1.3 $249 -- (Windows: Version 11, Release 4 (VGA and VGA compatibles only)..
2.1.4 $195 -- Complete on-line documentation: System Management, Supplementary 4.3 Programmer's and User's, & Supplementary Mach..
2.1.5 $1995 -- Complete system..
2.2 Requirements ():..
2.2.1 Hard Drive: 100MB for complete system, 40MB for base system..
2.2.2 RAM: 8MB for complete system, 4MB for base system..
2.2.3 Floating Point Processor..
2.3 Supported Devices ():..
2.3.1 Displays: MGA, CGA, EGA, & VGA..
2.3.2 Floppy drives and controllers: Toshiba and Toshiba compatible..
2.3.3 Hard drive controllers: WD1007 (ST-506 or ESDI)..
2.3.4 Serial controllers: i8250 based (DOS COM lines)..
2.3.5 Tape: Wangtek 0.25in standard 3M streamer..
2.3.6 Ethernet ():..
2.3.6.1 iMX-LAN/586 board or Olivetti PC 586..
2.3.6.2 3COM 3C501 & 3C502 controller..
2.3.6.3 WD8003E controller..
2.3.7 Serial Mice: Mouse Systems, SumaMouse, Logitek, & MicroSoft..
...

4..
Sx91305a_Um911_54-- UPDATE!..
UPDATE COMPUTER SYSTEMS Magazine, January 1991, 54pages..
c/o Carol and Frank Davis_317-473-8031..
--- P.O. Box 1095..
--- Peru;; IN_46970..
..
Contents ():..
1. Magazine Basic Information..
2. Directory..
3. Editorial -- By: Frank Davis..
4. Ad from: Ed Grey_213-759-7406, Grey Matter BBS: GMBBS_213-971-6250..
5. Ad from: Bill Jones_904-871-4513 -- S: LKDOS Software and UPDATE! back issues ..
5.1 $6.00 -- Single issues..
5.2 $18.00 -- 1990 year issues -- QL, TS2068, some Z88..
5.3 $18.00 -- 1989 year issues -- QL, and TS2068..
5.4 $18.00 -- 1988 year issues -- Covers TS2068 only..
5.5 $48.00 -- Complete 3 year series..
6. "Hybiscus" A TS-2068 Software System -- By: Bill Jones..
7. Oliger Auto- Menu -- By: Bill Ferrebee_Tel.:_ ..
8. Speed Comparison Between 2068 Pascal and Compiled BASIC -- By: Larry Kenny..
9. Sir Clives Castle BBS -- By: Dave Solly_Tel.:_Ottawa_TS_BBS_613-745-8838..
10. New QL Issue Disk, QLuMSi -- By: Al Feng_Tel.:_ ..
11. WANTED or FOR SALE ads for Subscribers (Re: Sx91110e_In90Ct8_10 ISTUG_NL) (11):..
11.1 Programs for the TS1000, TS1500, and TS2068, formerly offered by "Games To Learn By", new or demo only. Price is $5 + $0.50 for shipping and handling. Send SASE for list to:..
A: Mark Yost_203-693-6511..
-- P.O. Box 187..
-- Canton;; CT_06019..
11.2 Sinclair Computer Repairs:..
A: Dan Elliott_417-469-4571..
-- Box 117..
-- Cabool;; MO_65689..
11.3 UPDATE COMPUTER SYSTEMS (Large quarterly magazine supporting the TS2068, Spectrum, QL, and Z88). Sample at first class mail is $4.95 (counts toward subscription price if you decide to subscribe) or $18/ year to:..
UPDATE COMPUTER SYSTEMS..
-- PO Box 1095..
-- Peru;; IN_46970..
11.4 FOR SALE -- TS2068, TS2020, TS2040, programs, etc. All working fine:..
A: Jerry Wheeler_Tel.:_ ..
-- 320 Elder St. ..
-- Portland;; IN_47371..
11.5 FOR SALE for QL (3):..
11.5.1 $40 -- (3 mdv_carts) -- Integrated Accounts..
11.5.2 $15 -- (2 mdv_carts) -- Nucleon..
11.5.3 $30 -- (1 mdv_cart) --- Speedscreen ROM..
From:..
A: Al Feng_708-971-0495..
-- 15 Wake Robin Crt. ..
-- Woodbridge;; IL_60517..
11.6 FOR SALE: TS1500, TS2040, 3rolls 2040 paper, software and books. $140 or best offer to:..
A: Brian Fouts_812-522-8987..
-- 211 Emerson Dr. ..
-- Seymour;; IN_47274..
11.7 FOR SALE: A&J 2000 Stringy Floppy for the TS2068 with MSCRIPT on cartridge, plus 3 blank cartridge wafers for $65 which includes postage and handling. Contact: Frank Davis..
11.8 WANTED: Some way of connecting my ZX-81 and my monitor..
A: Armand Drucker_Tel.:_ ..
-- 194-02A 67 Ave. ..
-- Flushing;; NY_11365..
11.9 WANTED: Someone to handle the duplication and distribution of Public Domain program tapes for the SNUG Library. Contact: Frank Davis..
11.10 WANTED: Back issues of QL World. Will pay $2 per issue, plus shipping if it is one I do not have in my library. Contact: A: Eliad P. Wannua_Tel.:_ -- c/o UPDATE COMPUTER SYSTEMS..
11.11 FOR SALE: TAX-I-QL..
11.11.1 $24.95 -- Disk..
11.11.2 $27.95 -- MDV..
11.11 From: EMSoft..
12. TS2068/ Larken "LogiCall V4.3" -- By: Bob Swoger..
13. "Some More Ideas On How to Create Multiple Columns In Z88 Pipedream" -- By: Dave Bennett..
14. "Oliger Disk Drive BBS Program Issue Disk" -- By: Paul Holmgren..
15. "Cable Column" -- S: ARCHIVE SERIES PART 3 -- By: Bill Cable..
15. ARCHIVE + for DOS or UNIX from:..
A: TRANSFORM LTD..
-- Colin Hughs_Tel.:_UK_014481-4c2-4666..
-- 7C Station Approach..
-- Hayes -- Kent -- England_BR2-7EE..
16. "text 87 and Quill- Part III" -- By: Peter Hale_617-889-0830..
17. "A Mail File in Archive" -- By: Bob Hartung..
18. "Switching Printer Characters" -- By: Bob Hartung..
19. Ad from: EMSoft_617-889-0830..
20. Ad from: Mechanical Affinity..
21. Ad from: RMG_503-655-7484 -- S: Zebra Graphics..
22. "Merging Archive and Abacus Files" -- By: Peter Hale..
23. "Z88 Fax News - Sample" -- From: Curtis Claar_307-324-[illegible]..
24. "The Sinclair Desktop Publishing Journal" -- By: Mike Felerski_Tel.:_ ..
25. "QL Emulator for the Amiga" -- By: Al Feng_Tel.:_ ..
26. "Programming Tips - DEF FN and FN - All Computers" -- By: Bill Jones..
27. Ad from: John McMichael..
28. Ad from: Bottle Cap Software (Mike Felerski)..
29. Ad from: Domino Cubes..
30. "Datatronics 2400P Modem Review" -- By: Dave Bennett..
31. "The GEnie Information Service" -- By: Dave Bennett..
32. "Quanta - Latest Updates on Library" -- By: Paul Holmgren..
32. Disks (50):..
32.0 Fields (3):..
32.0.1 Free -- Free Sectors..
32.0.2 Disk Name -- Disk Name..
32.0.3 Contents -- Contents..
32.0 Free Disk_Name Contents..
32.0 ---- ---- ----- --------- --------- ----- ----------..
32.44 36 UTIL_EMACS Micro_EMACS V3.9p SOURCE FILES..
32.45 777 UTIL_EMAC2 Run version, NON- SOURCE + new _doc's..
33. "Public Notice" -- From: Jack Dohany..
34. "Issue Disks for TS2068 and QL"..
...

3..
Sx91304a_Mn912_10-- SMUG BYTES..
Previous Exchanges (5):..
Sx91204a_Mn911_10-- SMUG BYTES..
Sx90C27a_Mn90C_10-- SMUG BYTES..
Sx90C06b_Mn90B_10-- SMUG BYTES..
Sx90B13a_Mn90A_8--- SMUG BYTES..
Sx90A02a_Mn909_10-- SMUG BYTES..
..
Sinclair Milwaukee Users Group Newsletter, February 1991,
10pages..
c/o Bill Heberlein_414-353-4522..
--- Editor..
--- 5052 N. 91st Street..
--- Milwaukee -- WI_53225-4129..
..
Contents (4):..
1. SMUG Current Name And Telephone Number Membership List
(20):..
<SLIX Note: Edited from last year's list -- Re:..
Sx90207?_Mn901_10-- SMUG BYTES..
So we don't have to retype it in.>..
Brooks Blanchard_414-258-2212 (Mn901 only)..
Richard Cultice_414-542-3591..
Robert Dankert_414-253-0193 (Tel. No. Changed)..
Armin Doneis_414-344-4694..
Mark Dort_414-639-1489..
Lloyd Dreger_414-321-0694..
Nick/ Judy Frohboese_414-377-1385 (Mn901 only)..
Jon Gardner_414-444-2474..
Bill Heberlein_414-527-2191..
Rudy Hilsman_414-251-5291..
Gordon Kraemer_414-421-0179..
Warren Krogstad_414-282-8665 (Mn901 only)..
Kenn Kussmann_414-353-9311..
Mark Kutnyak_414-662-4519 (Added for '91)..
Duane Lorch_608-273-0847 (Added this issue?)..
Marty Miller_414-252-4028..
Denis Nickel_414-284-9691..
Ed Pawloski_414-338-0260..
Arnold Ramaker_414-893-8865 (Added for '91)..
John Schram_414-765-8109..
Neal Schultz_414-353-4522..
Jay S. Siegal_718-436-5367 (Tel. No. Changed)..
Corny Vanwieringen_414-671-1140 (Mn901 only)..
Carl Wallsteadt_Tel.:_ (Added for '91)..
Don Zarling_715-762-2641 (Added for '91)..
2. SMUG TS2068 Video Digitizer samples from: Robert
Shade_Tel.:_ ..
3. No TS Fest For 1991? Dayton Computerfest May Show Sinclair
Stuff. Contact:..
A: Barry Ganger_Tel.:_ ..
-- 812 Hedwick Street..
-- New Carlisle -- OH_45344..
4. "Public Notice From Jack Dohany dated January 1, 1991"..
...

2..
Sa91302b_Linker_SN..
Steve Nichols Contributed to the SLIX Library (3):..
1. Linker Source Code in C (and Executable for MSDOS). The
program is called "Val" in memory of the author's father-
in- law..
2. G++ (GNU Objective C Compiler) Source Code (for MSDOS)..
3. "FinePrint" for MSDOS -- Prints files with small letters on
Laser Printers..
...

1..
Sa91302a_TSCE_S16/TCW_8..
Topics (5):..
1. Herman Griffin reports he got in line at "Fry's Electronics"
early enough (6:45 AM- He was No. 45 in line) to get a
voucher (at 7:30 AM) to get a FREE 286 system with the
purchase of any other computer system..
1. He intends to buy a 386sx system for $595 as advertised in
the 910301 (Friday) San Jose Mercury..
2. Bill Miller reports "Fry's" has a 386sx system advertised
for $499 in the 910302 (Saturday) San Jose Mercury..
3. Bill also reported a rumor of a "80486sx" chip to cost about
$100 more than an 80386 (Re: SJMN 910227)..
4. Clark Murphy contributed information on "Big Blue Reader" to
read MSDOS files on a C64/128 from:..
A: SOBWAF Software, SOBWAF_219-724-3900..
-- 115 Bellmont Road..
-- Decatur -- IL_46733..
4. $29.95 -- Big Blue Reader 64..
4. $44.95 -- Big Blue Reader 128/64..
4. From Info sheet dated: "4/90"..
5. Clark also demoed his new "Psion Organizer II Model LZ"
which he got for $100 from: "Office Club"..
...

----------..
Se910305.0842 -- Sa9103_END..
...

0..
SLIX Record (and file) types (17): Sa, Sc, Sd, Se, Sf, Sg, Sh,
Si, Sj, Sk, Sl, Sm, Sn, Sr, Ss, Sv, & Sx:..
Sa- Activity, Address, or Article..
Sc- Contacts..
Sd- Definition..
Se- End..
Sf- Format..
Sg- Genealogy..
Sh- Header..
Si- Inventory, or Information..
Sj- Journal entry for accounting..
Sk- Keyword..
Sl- Library, or Letter..
Sm- Mailing, or Meeting..
Sn- Newsletter..
Sr- Record not otherwise defined..
Ss- Subscription..
Sv- SVCSi..
Sx- Newsletter Exchange..
...

0.1..
Sx90mddl_?n90m_p--- Newsletter name?..
SLIX Newsletter Exchange record..
(?= Newsletter identifier (system)..
p= number of pages)..
Group? newsletter, Issue?, number of pages?..
c/o Name_first? Last_acd-tel-numb? (or "_Tel.:_", or
"Internet:"?)..
--- Position?..
--- Address?..
--- City? -- ST_zipcd-9dig?..
--- (COUNTRY?)..
Contents (?):..
page?. Article description?..
..
Comments?..
...

0.2..
Sc90mddl_Lname_FD..
SLIX Contact Record..
(Time: .HHMM to .HHMM..)..
Contact description? from:..
A: First_name? Last_acd-tel-numb? (or "_Tel.:_")..
-- Street Address?..
-- City? -- ST_zipcd-9dig..
Comments?..
...

0.3..
Sm90mddl_GroupName_A..
SLIX Meeting Record..
Topic:..

Sb5a912..
[illegible]sion: 910305.1255_PST..
[illegible]es: 629..
Characters: 25874..
Organization: SLIX Sinclair Information Exchange..
Telecom-Info(s): ..
1. SLIX 408-253-3175 Voice: Bill Miller..
2. MFSBBS_408-252-2225 (Sysop: Steve Nichols ..
3. Internet(4): sysop (2):..
3.1 !slix (Bill Miller)..
3.2 !clark (Clark Murphy)..
3. @mips.com..
3.3 tswenson@dgis.dtic.dla.mil (Tim Swenson..
3.4 wahl@ocf.berkeley.edu (Mark Wahl)..
File type: Activities and Articles..
Filename: Sa9102 (Sa9101)..
Maximum-Paragraph: 25characters..
Subject: SLIX Activities and Articles for February_1991_(20):..
...

20..
Sa91223_SVCS1_TA..
Telecommunications Addresses from SVCS1 (2):..
1. Ron Guilmette_Tel.:_ Internet: rfg@ncd.com , UUCP:
...uunet!uunet!rfg ..
2. Harvey Taylor_Tel.:_
uunet!van-bc!rsoft!mindlink!harvey_taylor .
a186@mindlink.bc.ca ..
...

19..
Sa91221a_Lund_EC..
Call from:..
A: Eric Lund_408-243-8560..
-- 1062 Pomeroy..
-- Santa Clara;; CA_95051..
[illegible] found out about us from "Computer Currents". He called because he has a TS1000 with 16K RAMPack that he would like to use to send Morse Code on his Ham rig (and perhaps receive ..
We recommended he contact "QZX" (below). Can anyone else help?..
Eric promised to keep us informed of the result of his attempt to contact "QZX". He also may attend one of our meetings..
..
Re: Sc90810b_Maton_W..
7.2 QZX; The Journal Covering Amateur Radio & Sinclair Computers (2): June 1990, 8pages;; July 1990, 8pages..
c/o Alex. F. Burr_Tel.:_, K5AY..
--- 2025 O'Donnell Drive..
--- Las Cruces;; NM_88001..
QZX 1990 July Topics (6):..
7.2.1 Wanted: Schematic wiring diagram for "Banana Gorilla" printer, b..
A: Edward L. Radtke_502-456-7324..
-- 1602 Woodluck Ave. ..
-- Louisville;; KY_40205..
7.2.2 Spectrum Satellite Program Screen..
7.2.3 Exploring the TS1000 Sinlair Logic Chip (SCL) (Part 9?)..
7.2.4 TS1000 Controls 30,000 Volts..
7.2.5 RAM Extension for the QL (512K ..
7.2.6 TS2068 Printer Fix..
7.3 QZX 1990 June Topics (3):..
7.3.1 FOR SALE: TS1000's, 2068, programs, interfaces, & Etc. SASE to:..
A: Leslie Varnicle_Tel.:_, WA3QLW..
-- Box 821..
-- Trinidad;; CO_81082-0821..
7.3.2 Exploring the TS1000 Sinclair Logic Chip (SCL) (Part 6?)..
7.3.3 16K RAM inside the ZX81..

[illegible]
Sa91220a_GUTSCE/SVCS1..
Attendees (2): Bill Miller, & Clark Murphy..
Subjects (2):..
1. Bill demoed the SVCS1 UNIX commands (1):..
1.0 Command ---------- Description..
1.1 ls -al ---------- List all files in current directory in long form..
1.2 cp .letter --------- Print ".letter" file to screen..
1.3 rm .letter --------- Remove ".letter" file..
1.4 cd /usr/svcs/slix -- Change Directory to slix..
1.5 tail -20 acct.txt -- Print last 20 lines of "acct.txt" file to screen..
1.6 cd ---------- Change Directory to "clark" (home, login) directory..
1.7 rn ---------- New Read News..
1.7.1 = ---------- List Article subjects in Current News Group..
1.7.2 q ---------- Quit to next News Group..
1.7.3 Q ---------- Quit out of "rn"..
1. Bill tried the following commands but was not successful, probably because of misspellings or incorrect path names (1):..
1.8 cd /usr/svcs/spool/news/comp/emacs -- Change Directory to the "comp.emacs" Newsgroup..
1.9 ls > /usr/svcs/slix/91220emacsls -- Send a list of all Article Numbers (File Names) in the "emacs" Newsgroup to a file in the SLIX directory..
1.10 cat * > /usr/svcs/slix/91220emacs -- Concatenate all files (articles) from the "emacs" News Group into one file and send it to the SLIX directory..
2. Clark contributed to the SLIX library a C128 5.25in disk marked: "Crosslink. For C-128 with 1571 drive. Reads and writes MSDOS files"..
2. Clark also promised to provide us with the name of a place to buy "Big Blue Reader" which will read and write an MSDOS disk on a C64 with 1571 drive..
...

17..
Sx91219b_Hn912_24-- QL HJ..
Previous Exchange Newsletters:..
Sx91107a_Qn911_12-- QL HJ..
QL Hacker's Journal, February 1991, 24pages..
c/o Tim Swenson_703-820-6657..
--- 4707 W. Braddock Rd. #104..
--- Alexandria;; VA_22311..
..
Contents (3):..
1. "Find_c";; S: Finds strings in a file;; By: Timothy Swenson..
2. "Disk_Info";; S: Read Disk header maps, locate files, read directory date;; By: H.L. Schaaf_Tel.:_..
3. "C Beautifier";; D: "Formats a C source program with proper indents for each statement.";; By: Timothy Swenson..
...

16..
Sx91219a_Pn912_8--- PACC TALK..
Previous Exchange Newsletters (4):..
Sx91126a_Pn911_8--- PACC TALK..
Sx91102a_Pn90C_8--- PACC TALK..
Sx91126c_Pn90B_8--- PACC TALK..
Sx91415a_Pn90A_8--- PACC TALK..
Pittsburgh Area Computer Club Newsletter, Feb. 1991, 8pages..
c/o Ralph Vasko_412-379-8762..
--- DBase VP..
--- One Virginia Drive..
--- Conora;; PA_15033..
..
Other Contact:..
Time: Sinclair SIG..
c/o Judy Muir_412-379-8762..
..
Contents (1):..
1. "MIDI FOR IBM-PC'S" By:..
A: Homer B. (Jim) James_412-731-3239..
-- 1636 Jamestown Place..
-- Pittsburgh;; PA_15235..
2. MSDOS "GEOSWORKS ENSEMBLE" program review;; By: Phil Cutrara_412-766-8790..
...

15..

Sa91218a_Hintz_BC..
Call from:..
A: Bill Hintz_415-364-9426..
-- 264 First Avenue..
-- Redwood City;; CA_94063..
Bill found out about us from "Computer Currents". He called to report that he has FOR SALE:..
TS1000 System including (5): TS1000, 16K RAMpack, TS2040 printer, Tape Recorder, & Sinc Magazines..
Price: Best offer or ?..
Bill also reported he now uses a C64 with disk drive and is considering buying an "Epson" MSDOS laptop with 2 disk drives for $499 from "Price Club"..
He uses his computers for "Home Accounting" and "Stock Analysis"..
He used to attend the C64 meeting at the Cupertino Library when he lived in Santa Clara. He requested a sample newsletter..
..
Bill:..
Good hearing from you!! Hope this article brings some action on your TS1000 System. If not, before you throw it away, you might contact Bob Orrfelt_415-369-9136..
He also lives in Redwood City and might be able to pick up your system if you wish to donate it to our User Group..
...

14..
Sa91217a_TSCPUG_7..
Attendees (7): Nora Lehfeldt, Bill Miller, Bob Orrfelt, George Goodman, George Mockridge, John Hancock, & Walt Johnson..
Subjects (7):..
1. Nora demoed his new "Canon BJ-10e Bubble Jet" printer with his Z88..
2. Bill brought the current and past "SincLink"s..
3. Bob passed out a copy of his TS2068 "32K RAM in the Cartridge Port for Timex Portugal Disc Drives" design..
3. He also promised to investigate the TS2068 to PC Clone Serial Interface design..
4. George Goodman showed copies of his "Family History" printouts done with his MSDOS system..
5. George Mockridge reports that a "Bondwell" 80286 laptop with 40MB Hard Drive is available for arround $1000..
6. John reported he has joined "BMUG"; the "Bay area Macintosh User Group"..
7. Walt called to say he would be a little late, but finally made it at about 2:30..
...

13..
Sx91216a_Ln911_12-- LIST_NL..
Previous Exchanges (4):..
Sx90C17a_Ln908_12-- LIST_NL..
Sx90C01b_Ln906_12-- LIST_NL..
Sx90A19a_Ln909_12-- LIST_NL..
Sx90613b_Ln905_12-- LIST_NL..
..
Long Island Sinclair Timex Group Newsletter, January 1991, 12pages..
c/o Harvey Rait_516-791-6247..
--- LIST Pres. & Contact..
--- 5 Peri Lane..
--- Valley Stream;; NY_11581..
..
Other Contacts (2):..
..
A: Mr. Frederic Stern_516-737-0963..
-- LIST Editor..
-- 214 Roberts St. ..
-- Holbrook;; NY_11741..
..
A: Tom Skapinski_516-732-1825..
-- LIST Librarian..
-- 7 Atkinson Ln. ..
-- Coram;; NY_11727-3004..
..
Contents (3):..
..
1. List Merchandise FOR SALE (5):..
1.1 $4 -- Technical Tidbits (For ZX-81 and TS1000)..
1.2 $15 -- QL Microdrive Cartridges, Set of 4 in case..
1.3 $15 -- TS2040 Printer..
1.4 $20 -- QL Modapter..
1.5 $6 -- TS1000 or TS2068 Program Tapes..
1.5 The Classic Sinclair..
1.5 LIST_TS1000.1 Tape..
1.5 The following is a listing of programs on LIST tape TS1000.1..
1.5 These programs are for the ZX-81 and TS1000 with the 16K RAM module, or the TS1500..
1.5 These programs come on a quality C-60 low noise cassette tape..
1.5 To get this tape send $6.00 to:..
A: Harvey Rait_516-791-6247..
-- 5 Peri Lane..
-- Valley Stream;; NY_11581..
1.5 Menu (9):..
1.5.1 "psychiatristT"..
1.5.2 "mazedrawH"..
1.5.3 "mortgageE"..
1.5.4 "ephemeris V"..
1.5.5 "parrotT"..
1.5.6 "drawH"..
1.5.7 "wordsearchH"..
1.5.8 "weightT"..
1.5.9 "wordS"..
2. WANTED: TS1000 AERCO printer interface software for a Gorilla printer. Fred Stern_516-737-0963..
3. Articles By: Warren Fricke (6):..
3.1 Multiplication, Grade Six..
3.2 Long Division, Grade Six..
3.3 The Logic Operator, NOT..
3.4 Timex Logic (3):..
3.4.1 Part 1..
3.4.2 Part 2..
3.4.3 Part 3..
...

12..
Sa91208a_Martin_MC..
Call from: Mark Martin..
Mark called to report he has purchased the book: "Operating Systems, Design And Implementation";; By: Andrew S. Tanenbaum. This is the Minix textbook..
Mark also reported he received the SLIX QL System Disk we sent him and he was able to read all the files..
He promised to send us (3) diskettes with the Quanta files we had requested for Mark Wahl and we promised to send (3) diskettes with the QL EMACS 3.8b source code and the FreEMACS source code and executable..
He also promised to help with three SLIX Tasks (3):..
1. QL Communication (Terminal) program for use with a television display..
2. QL Index program to Index SLIX files and also other text files and directories..
3. An Index to the current "Update" magazine which Mark received as a sample copy..
...

11..
Sa91206b_PC_UNIX_SIG_(14x2+4)..
Topics (3):..
1. Presentation by (2):..
1.1 Joel L. Baker_408-395-5775..
1.2 Michael New_408-395-5775..
1. of:..
A: Stallion Technologies, ST_408-395-5775..
-- 983-B University Avenue, Suite 104..
-- Los Gatos;; CA_95030..
Products (3):..
1.1 Multi-port PC UNIX board..
1.2 "Crocodile"- The Intellegent Disk Optimizer for UNIX Systems..
1.3 "Monitor"- Performance Analyser for UNIX Systems..
..

2. Presentation By: [illegible]..
[illegible]Alex Lore_Tel.:_..
[illegible]Kristen_Tel.:_..
2. of:..
A: Microport_800-FOR-UNIX..
-- 30 Janis Way, Suite A..
-- Scotts Valley;; CA_95066..
Product: UNIX System V Release 4.0 for 80386/ 80486 powered personal computers..
..
3. Handout:..
Free Exhibit Pass for DB/EXPO91, March 26-28. More Information: NDN_415-941-8449, Re: Sa91102b_PC_UNIX_SIG ..
User Group Events (Days):..
3.1 Tuesday, March 26 (6):..
3.1.1-- 12:00pm-- Object- Oriented Knowledge Bases-- Artificial Intelligence Association-- Leor Jacob_408-734-5760..
3.1.2-- 1:00pm-- Distributed Object- Oriented Systems-- Bay Vax-- Seth Goldberg_408-720-6834..
3.1.3-- 2:00pm-- SQL (An Application Developer Perspective)-- Tandem Users of the Bay Area (TUBA)-- Frank Vierra_415-755-3200..
3.1.4-- 3:00pm-- (TBA)-- AT&T Computer User Group-- Kathryn Nickerson_415-446-5210..
3.1.5-- 4:00pm-- Client/ Server Technology, Graphical Engines-- Bay Area Revelation Users Group-- Fred Dietrich_415-446-8630..
3.1.6-- 4:30pm-- RDBE and Client Server: What They Are and What They Mean-- Silicon Valley dBase Language-- Mike Masterson_408-972-7352..
3.2 Wednesday, March 27 (7):..
3.3 Thursday, March 28 (5):..
...

10..
Sa91206a_Nn90Ct9_26 CATUG_NL..
Previous Exchanges:..
Sx90C06c_Cn90Ct5_68 CATUG_NL..
Previous Contacts:..
Sa90617a_Cn90Ct1_1: CATUG_NL..
..
Nite-Times News..
Chicago Area Times Users Group Newsletter, September to December 1990, 28pages..
c/o Bob Swoger_708-[illegible]-8068, 312-576-4410?..
--- Vice President, Newsletter, & BBS..
--- 613 Parkside Circle..
--- Streamwood;; IL_60107..
..
Other contacts (4):..
..
Butch Weinberg_312-[illegible]-2470..
--- President..
..
John Donaldson_708-[illegible]-6147..
--- Secretary..
..
A: Al Feng_708-971-[illegible]..
-- Treasurer..
-- 15 Wake Robin Ct. ..
-- Woodridge;; IL_60517..
..
CATUG_BBS_708-57[illegible]-7140..
..
Contents (2):..
1. Nn90CtB_16..
1.1 "An Open Letter to Rod Gowen";; By: Bob Swoger..
1.2 "Treasury Notes" -- Treasurer's Report..
1.3 "Secretary's Notepad" -- CATUG Meeting Reports for (2):..
1.3.1 1990 Dec. 15..
1.3.2 1990 Nov. 17..
1.4 TS2068 products available from Bob Swoger ():..
1.4.1 $5 -- LogiCall AOS- LKDOS Software..
1.4.2 $10 -- 747 Flight Simulator (for Spectrum)..
1.4.3 $5 -- LarKen Version 3 EPROMS, SYSTEM DISKS, & MANUALS..
1.4.4 $12 -- LarKen LK-DOS Spectrum V2 kit includes (3): EPROM, Socket, & 74HCT32..
1.4.5 $10 -- AERCO SPECTRUM EPROM..
1.4.6 $7 -- LarKen DOS EPROM to correct Western Digital Controller chip mismatch..
1.5 QL "Archive Primer";; By: Al Feng..
1.6 "Fixing My FIRMWARE";; By: James F. Brezina_Tel.:_..
1.7 ADS (7):..
1.7.1 Non TS (0):..
1.7.2 RMB Ads (4):..
1.7.2.1 PC Compatibles (5):..
1.7.2.2 Used TS Hardware Items (14):..
1.7.2.3 QL items (25):..
1.7.2.4 TS 2068 Disk Systems (14):..
..
2. Nn90Ct9_14..
2.1 "Data Interupt";; By: Bob Swoger;; S: Fixes for TS2068 LarKen Disk Controller (WD1770-PH, WD1772) stepping rate incompatibility problems..
2.2 Bob Swoger reports no CATUG volunteers to put on the 1991 Timex Sinclair Fest..
2.3 "Treasury Notes" -- Treasurer's Report..
2.4 "Secretary's Notepad" -- CATUG Meeting Reports for (2):..
2.4.1 1990 Oct. 20..
2.4.2 1990 Sept. 8..
2.5 TS2068 products available from Bob Swoger (6):..
2.5.1 $5 -- LogiCall AOS- LKDOS Software..
2.5.2 $10 -- 747 Flight Simulator (for Spectrum)..
2.5.3 $5 -- LarKen Version 3 EPROMS, SYSTEM DISKS, & MANUALS..
2.5.4 $12 -- LarKen LK-DOS Spectrum V2 kit includes (3): EPROM, Socket, & 74HCT32..
2.5.5 $10 -- AERCO SPECTRUM EPROM..
2.5.6 $7 -- LarKen DOS EPROM to correct Western Digital Controller chip mismatch..
2.6 "Tricks Sinclair Never Gave Us";; By: James F. Brezina_Tel.:_;; S: Special things you can do with the TS2068 keys..
2.6 "KNIGHT LORE" Spectrum game modification program listing..
2.7 "QL Emulator for the AMIGA";; By: Al Feng..
2.8 ADS (1):..
2.8.1 AD By: Al Feng On: 901020:..
2.8.1.1 $40 -- QL Integrated Accounts (on Indv)..
2.8.1.2 $30 -- QL Speedscreen ROM (w. RAM code on Indv)..
2.8.1.3 $15 -- QL Nucleon (on Indv)..
2.8.2 Non TS (7):..
2.9.2 RMB Ads. Used TS Hardware Items (2 14):..
2.9.3.0 Retail -- Used Pr -- Shipping -- Qty -- Description..
2.9.3.1 $239.95 -- $110.00 -- $12.50Ea -- 1 -- Blue Chip M121 10 Printer (Same as Legend 808; square dot)..
2.9.3.2 $4.50Ea -- $2.50Ea -- $6.50Ea -- 12 -- A&J Wafers - Several Sizes ($23/10 plus $4 Shipping)..
...

9..
Sa91205b_Mah1_MC..
Call from: Mark Mahl..
1. Mark plans to write 3 documents to define SLIX projects..
2. Mark promised to help us define the programming strategies behind the design of EMACS..
...

8..
Sx91205a_Bn90_6--- TS Bull. ..
Previous Exchange Newsletters:..
Sx90C29a_Bn90C_4--- TS Bull. ..
Sx90E05a_Bn90A_5--- TS Bull. ..
Sx90816a_Bn90B_4..
TS Bulletin News Supplement # S-2-91;; 2pages..
TS Bulletin News Supplement # S-1-91;; 2pages..
TS Bulletin Letter Dated: Jan. 30, 1991;; 2pages..
c/o Bill Harper_Tel.:_..
--- Editor and Amateur Publisher..
--- 97 Ruskin Street..
--- Ottawa;; Ontario;; CANADA..
--- K1Y-4B[illegible]..
..
TS Bulletin News Supplement # S-2-91 Contents (5):..
1. Replacement Power Supply for ZX-81 TS1000 (Homemade)..
2. Pascal, C, & MODULA Programming Languages..

3. "The Next Few Years Of Amateur Computer Trends & Prices, Some Personal Guesses"..
4. TS2068 software incl. C4D/ CAM- US$20; Catalog- US$1; From TS Dealer:..
A: Zunk Custom El.. ICE_Tel.:_ ..
-- 1419 Ferris..
-- Waxahachie;; TX_75165..
5. "Hysteresis Anyone? A $64 Word For A Two-Bit Idea"..
..
TS Bulletin News Supplement # S-1-91 Contents (5):..
1. Sinclair_BBS_613-745-8638, Sir Clive's Castle..
2. Many "TS Bulletin" Publications are being discontinued..
3. GWBASIC source code for programs to help add foreign accents, especially French, Italian, & Spanish to ASCII files available from Bill Harmer..
4. "The Illustrated Floppy Disk Drive- 5.25in DSDD" Figures (3):..
5. City of Flags BBS Sinclair?_BBS_414-761-2582..
..
Letter Contents (3):..
1. The 32K RAMPack on Bill's ZX-81/ TS1000 blew, as well as the ULA/ PLA chip for the 2nd time (no cassette input/ output)..
2. Bill can only read and write 320K MSDOS Diskettes on his borrowed "Hyperion" and has passed on the 360K "File Server Info" disk we sent his to the Ottawa- Hull Club Librarian- Dave Solly who promised to return it to Bill..
3. Bill has ordered a new power supply board for his "Tandy 1000" IBM compatible..
...

7..
Sa91204b_Swenson_TC..
Call from: Tim Swenson..
Tim has had (2) QL keyboard failures. He now has no useable QLs. He is going to try to find a source for the "Schoen" integral keyboard. He reports Sharp's no longer carries it, and the Schoen overseas Tel. No. does not work..
He is interested in Kernigan & Ritchie "Pic" & "Chem" languages & also "Lisp"..
We suggested looking at the "Mint" language in "FreEMACS"..
Tim reports they are expecting a family addition (Congratulations!) and will be moving to a larger apartment in the same apartment complex..
Tim also reports he now has a working Lattice C compiler for the QL..
Tim downloaded "cvw" formerly "c68k" from Usenet apparently about the same time we did. Re: Sa91109a_Wahl_MM..
...

6..
Sx91204a_Mn911_10-- SMUG BYTES..
Previous Exchanges (4):..
Sx90C27a_Mn90C_10-- SMUG BYTES..
Sx90C06b_Mn90B_10--- SMUG BYTES..
Sx90B13a_Mn90A_8--- SMUG BYTES..
Sx90A02a_Mn909_10-- SMUG BYTES..
..
Sinclair Milwaukee Users Group Newsletter, January 1991. 10pages..
c/o Bill Heberlein_414-353-4522..
--- Editor..
--- 5052 N. 91st Street..
--- Milwaukee;; WI_53225-4129..
..
Contents (1):..
1. SMUG Current Name And Telephone Number Membership List (20):..
(SLIX Note: Edited from last year's list;; Re:..
Sx902072_Mn901_10-- SMUG BYTES..
So we don't have to retype it in..
Brooks Blanchard_414-258-2212 (Mn901 only)..
Richard Cultice_414-542-3591..
Robert Dankert_414-253-0193 (Tel. No. Changed)..
Armin Doneis_414-344-4694..
Mark Dorf_414-639-1489..
Lloyd Dreger_414-321-0694..
Nick/ Judy Frohboese_414-377-1385 (Mn901 only)..
Jon Gardner_414-444-2474..
Bill Heberlein_414-527-2151..
Rudy Hilsman_414-251-5291..
Gordon Kraemer_414-421-0179..
Warren Krogstad_414-282-5665 (Mn901 only)..
Kenn Kussmann_414-353-9311..
Mark Kutnyak_414-662-4519 (Added for '91)..
Marty Miller_414-252-4028..
Denis Nickel_414-284-9691..
Ed Pawloski_414-338-0260..
Arnold Ramaker_414-893-8665 (Added for '91)..
John Schram_414-765-8109..
Neal Schultz_414-353-4522..
Jay S. Siegal_718-436-5367 (Tel. No. Changed)..
Corny Vanwieringen_414-671-1140 (Mn901 only)..
Carl Wallsteadt_Tel.: (Added for '91)..
Don Zarling_715-762-2641 (Added for '91)..
2. Letter on the SMUG TS2068 Video Digitizer from: Robert Shade_Tel.: . ..
S: "IMAGE CAPTURE WITH THE S.M.U.G. B&W VIDEO DIGITIZER AND BURLE TC-1501 B&W VIDEO CAMERA AND "VIDEOTEX" VIDEO DIGITIZING SOFTWARE AND "ART STUDIO" VIDEO IMAGE RETOUCHING PROGRAM AND "WORD MASTER" / "TYPELINER" DESK TOP PRINTING PROGRAMS"..
...

5..
Sm91202b_Wahl_MM..
Meeting Attendees (2): Mark Wahl, & Bill Miller..
Mark fixed the "EmacsTV_exe" memory problem and added the command line to the "PF" header print out..
He promised to investigate more "Elegant" solutions to the problems..
Mark also looked at a few of the "FreEMACS" files and reports it looks very similar to GNU EMACS..
He also promised to attempt a program to create an "_plx"- Phone List index- for SLIX files..
...

4..
Sm91202a_TSCE_SIG_TCW_10..
Topics (2):..
1. "How do you find out how to write an MSDOS device driver?";; By: Herman Griffin..
1. Darrell Southwell suggests a book by Ray Duncan: "Advanced MSDOS"..
2. Mark Wahl reports there may be enough bits and pieces of source code floating around Berkeley to do a complete 80386 Free Operating System..
...

3..
Sa91201c_Martin_MM..
Note to: Mark Martin..
Mark:..
Thanks for promptly returning the "QL Software Developers Guide". We have enclosed a SincLink check for $25 for your refundable deposit..
Also thanks for the QL and C64 files. Read "Sa9101" to find out what happened when we tried to read your C-64 disk..
We have enclosed the "SLIX QL System Disk". Hope it helps. Maybe you can help us with (2):..
1. Our "EmacsTV_exe" memory problem..
2. Our "_plx" Phone List index project..
We now have "QLMenu_bas" and "Emacs" modified for a TV. Perhaps you could help us with a QL Terminal program for a TV..
Note that in the "Sm91109a" record, Mark Wahl is looking for some files from the "Quanta" disks. Can you provide them?..
Hope to hear from you soon..
...

2..
Sa91201b_Macia_OM..
Note to: Oscar Macia..
Oscar:..
As you can see from the enclosed Dec. 1990 SincLink, we were able to read all the files on the 1.2MB diskettes you sent us and copy them to 360K diskettes..

We haven't found anyone to test them out on a TS2068, PC Clone, or MSX System yet, but we will keep looking..
Did you mean that apartment rent in New York was $600 to $1000 a MONTH? Your letter appears to say a WEEK!?!?..
Other than this, the prices look about the same as California..
As for computer prices, we expect to pay about $500 for an 80386sx system containing (13):..
1. Mini-tower case..
2. 230watt power supply..
3. 1MB RAM..
4. IDE controller for (2) hard drives..
5. Floppy drive controller for (2) 360K, 720K, 1.2MB, or 1.44MB drives..
6. 1.2MB 5.25in or 1.44MB 3.5in Floppy drive..
7. (2) Serial ports..
8. (1) Parallel port..
9. (1) Mouse port..
10. 101key AT enhanced keyboard..
We don't include prices for hard disks and VGA displays because (2):..
1. They vary so much..
2. Hard disks and VGA displays may cause more problems than they solve..
A monochrome monitor and adapter card is about $80..
Can you read and write MSDOS diskettes in Argentina? If so, perhaps we can exchange information on disk..
Keep us informed about your Activities..
Hope to hear from you soon..
...

1..
Sa91201a_Wahl_MN..
Note to: Mark Wahl..
..
Mark:..

Emacstv_exe works great!!..
We can use our unmodified tv and all of the screen is viewable except a couple of letters in the upper left corner..
On our modified tv, all the Emacstv_exe screen is visible..
On our Magnavox "RGB MONITOR 80", even the green on white is somewhat visible, although not as good as black on white or red on white..
The white on red "Mode" line is about as good as we are going to get in "light on dark"..
We do have one puzzling problem: EmacsTV_exe seems to be using about 346,640 bytes of buffer space in addition to the 99352 byte "EmacsTV_exe" file. This leaves about 50K free which is not enough to run "PF" or other programs reliably..
We get "out of memory" errors. Do you have any idea why "EmacsTV_exe" uses more buffer space than "Emacs256"? Can we get the buffer space back down to 262144 (256K)?..
Or could something else be using up our memory?..
If you can figure this out, please send us a new copy of "EmacsTV_exe" which uses only as much memory as "Emacs256"..
..
We printed out your "Sa9101_eti" file after we loaded it into EmacsTV_exe which cut the line length down to 256characters and then saved it as "Sa9101_awi" (all word index). We got strange errors when we tried to run "Sa9101_eti" thru "PF"..
"Sa9101_eti" seems to drop the last period from words..
Thanks for the report that the C Program takes about 15min to generate "Sa9101_eti" in the background..
We would like to have a "_plx" - Phone List indeX (as explained in Slix Task List) of three files (3):..
1. Sc9012..
2. Sc9011..
3. Sc9010..
Can you send us this on the enclosed Diskette?..

We have enclosed a copy of the disk that Mark Martin sent us..
..
Carl Rink received "FreEMACS". The two 360K diskettes Unziped to 225files. Not many of them seem to be C Source code. It seems to have many "Mint" files which are text. Does this sound like GNU Emacs?..
I also borrowed Carl's "Borland Turbo C" compiler. I intended to back it up and see if it could be used to Compile FreEMACS, but the FreEMACS files don't look anything like the "QL MicroEMACS 3.8b" files or the "MicroGNUEMACS" files..
Both Steve Ribby and Steve Nichols are running FreEMACS but neither of them can find any Manuals that are very helpful in all the files..
There is a file that says to order the Manual (300+ pages) and Quick Reference Card from the GNU project. It is hard to believe that FreEMACS is enough like GNU EMACS that they can use the same Manual and Quick Reference Card..
I am trying to put together enough documentation so that Carl can use FreEMACS, but I'm not having much luck. The "QL MicroEMACS 3.8b" Quick Reference Chart that we put together from the "_hlp" file seems about as helpful as anything..
Any ideas? The two Tutorial files for the QL and MSDOS versions look like they were edited from the same file, but they aren't a replacement for a Manual..
...

----------..
Se910201.1117;; Sa9102_END..
...

0..
SLIX Record (and file) types (17): Sa, Sc, Sd, Se, Sf, Sg, Sh, Si, Sj, Sk, Sl, Sm, Sn, Sr, Ss, Sv, & Sx:..
Sa- Activity, Address, or Article..
Sc- Contacts..
Sd- Definition..
Se- End..
Sf- Format..
Sg- Genealogy..
Sh- Header..
Si- Inventory, or Information..
Sj- Journal entry for accounting..
Sk- keyword..
Sl- Library, or Letter..
Sm- Mailing, or Meeting..
Sn- Newsletter..
Sr- Record not otherwise defined..
Ss- Subscription..
Sv- SVCS1..
Sx- Newsletter Exchange..
...

0.1..
Sx90mdl_?n90m_p--- Newsletter name?..
SLIX Newsletter Exchange record..
(?= Newsletter identifier (system)..
p= number of pages)..
Group? newsletter, Issue?, number of pages?..
c/o Name_first? Last_acd-tel-numb? (or "_Tel.:_", or "Internet:")..
--- Position?..
--- Address?..
--- City?;; ST_zipcd-9dig?..
--- (COUNTRY?)..
Contents (?):..
page?. Article description?..
..
Comments?..
...

0.2..
Sc90mdl_Lname_FD..
SLIX Contact Record..
(Time: .HHMM to .HHMM..)..
Contact description? from:..
A: First_name? Last_acd-tel-numb? (or "_Tel.:_")..
-- Street Address?..
-- City?;; ST_zipcd-9dig..
Comments?..
...

0.3..
Sa90mdl_GroupName_A..

Sh5a911..
Revision: 910305.1241_PST..
Lines: 1227..
Characters: 55879..
Organization: SLIX (SincLair Information eXchange)..
Telecom-Info(7): ..
1. SLIX 408-253-3175 (Voice)..
2. MFSBBS 408-253-2295..
3. Internet(5): svce: (3):..
3.1 !slix (Bill Miller)..
3.2 !wahl (Mark Wahl)..
3.3 !steve (Steve Nichols)..
3. @eips.com..
3.4 tswenson@dgis.dtic.dla.mil (Tim Swenson)..
3.5 wahl@ocf.berkeley.edu (Mark Wahl)..
File type: Activities and Articles..
Filename: Sa9101 (Sc9012)..
Maximum-Paragraph: 256characters..
Subject: SLIX Activities and Articles for January_1991_(36):..
...

36..
Sc91131c_Lambert_DL..
Previous contacts (2):..
Sa91119a_Lambert_DC..
Sc90A20b_Lambert_DL..
Letter from: Don Lambert;; Dated: 01 27 1991..
Don reports he is now the official SNUG NEWSLETTER EDITOR..
He plans to standardize on two disk systems (2):..
1. Oliger- Preferred system- 600+ TS2068 Systems..
2. Larken- Secondary system- 300+ TS2068 Systems..
Don also asks about the SLIX TS File Server Project..
Don:..
The SLIX TS File Server Project goal is to use an 80386 system and UN*X operating system to act as a File Server to Sinclair Computers..
UN*X means UNIX(TM) like systems to which we can get the Source Code. Examples are (2):..
1. GNU (Gnu's Not Unix)..
2. Minix..
It is a long term project..
For the short term, perhaps TS disk systems could read, write, & format MSDOS diskettes. Check with your System vendors. We need this for the TS2068 & TS1000. It seems we heard that Jack Dohany is working on making MSCRIPT MSDOS compatible..
The QL disk system can already read & write MSDOS diskettes. We are working on the format..
The Z88 can already use a PC or MAC as a file server, although in a somewhat clumsy way..
...

34..
Sx91131b_Sn90C_16-- SincLink..
Sx91131a_Sn90B_12-- SincLink..
...

33..
Sa91130a_Stephens_MC..
Call from:..
A: Mike Stephens_415-763-5265..
-- 312 Newton Ave. ..
-- Oakland;; CA_94606..
Mike found out about us from George Mockridge..
Mike is interested in Table Top Sports Game Collecting and has converted one game to run on his TS1000 and TS1500..
He got a TS2068 about two months ago and would like to move his game program from the TS1000/ 1500 to the TS2068..
He suspects he will need a program like "First Loader" or "Upload 2000" to make the move rather than retyping it in. It is about 16K..
He read a review of one of these programs in TIMELINEZ V2-N7. The review was written by Nora Lehfeldt and reported that a listing of the program appeared in "Syntax" Dec. 1983..
We suggested (3):..
1. RMG_303-655-7484 to attempt to buy the program..
2. Nora Lehfeldt at a TSPUG meeting to find out more about the program..
3. Andy Hracesky has the group library and has moved to Colorado. Mike reports that "First Loader" is listed in the Group Library. Mike can check back with us to get Andy's new address when we get it..
Mike has already (3):..
1. Ordered a catalog from Ed Grey..
2. Tried to buy the programs from Sunset..
3. Ordered "Profile 2068" from Tom Woods..
Mike also reports the Sinclair column by Bill Ferrebee is back in the Dec. or Jan. "Vulcan's Computer Monthly"..
Mike has some issues of TIMELINEZ, but he needs the following issues to complete his collection ():..
1. V1 - All..
2. V2 - 1-4, 8-10, 12..
3. V3 - 7-9..
4. V4 - 1..
5. V5 - 3, 5, 12..
6. V6 - All..
7. V7 - All..
8. V8 - 1-6..
Can anyone else help?..
Mike:..
We have checked the SLIX library and (2):..
1. We don't have Syntax Dec. 83..
2. We have extra copies of most (all?) TIMELINEZ issues from August/ September 1983 to December 1987. These are available to SincLink Members for $1 each..
...

32..
Sa91129a_Wyder_JL..
Letter from: Jess Wyder..
Previous Contacts (3):..
Sc902017_Wyder_JL..
Ss89C277_Wyder_15c..
Sc89C137_Wyder_JL..
Letter:..
"..
Jan 24, 1991..
Dear Mr. Miller..
I am interested in subscribing to SLIX..
I use to get SincLink but it stopped coming & I received TIMELINEZ..
Please send me the info & if possible a sample issue so that I may see what it is like..
Sincerely yours,..
Jess Wyder..
"..
Jess:..
Thanks for your continued interest in SincLink (SLIX)..
We suspect we will be changing the format for 1991 so that the pages are a full 8.5 x 11 unreduced..
With the photo copying fees and the new postage rates, we may lose a little money doing this at the $15 SLIX membership fee, but we will try it for a while to see how it works out..
Pasting up each issue for photo reduction is getting to be too time consuming..
As we reported in SincLink, during 1990 SincLink subscriptions were fullfilled with TIMELINEZ. Since TIMELINEZ has stopped publishing, 1991 SincLink members will receive SincLink..
Hope you decide to renew your SincLink (SLIX) membership..
If you wish back issues of SincLink for 1990, they are available on C-64 diskette for (2):..
1. Free - For exchange diskette(s) with Sinclair Information (like what have you been doing with your Sinclair Computers since you last contacted us)..
2. $3 per disk + $3 per order Shipping and Handling - If you do not send Exchange Information on disk..
We suspect 1990 SincLink will fit on 2 to 4 C-64 diskettes. We look forward to receiving C-64 diskettes from you..
For complete SincLink membership information, see the Sa91119a_Lambert_DC record in this SincLink file..
Thanks for your recommendation of (2):..
1. The $5 TS2068 tax program from:..
A: Max Schoenfeld_Tel.:_ ..

-- 2612 Princeton..
-- Cleveland;; OH_44118..
-- John Haemer's TS2068 repair service..
and the other information that you sent us..
Hope to hear from you soon..
...

31..
Sm91126b_Nichols_SM..
Meeting with: Steve Nichols..
Message from Steve Nichols to Mark Martin:..
Mark,..
..
The Commodore disk that you sent was bad. We (Bill and I) were only able to read part of the directory. The disk seems to contain a bunch of old Commodore machine language monitor programs..
What we ended up doing was to copy a bunch of good C-64 and C-128 utility programs onto the back of your disk. A disk director with descriptions is below..
'Superman' (listed below) is a good machine language monitor with commands like the built in monitor that comes with the C-128..
I don't know if any of this will be useful to you but what the heck :-) you can at least use it for upload bribes with the local Commodore BBSs..
..
Steve..
..
P.S. From Bill Miller:..
We were not able to copy the directory of the Commodore files you sent us to a text file so we could print it out..
..

```
0 "tpug stuff      " x3 2a
5    "relocate"          prg     S: relocate program on disk..
13   "superman"          prg     S: good machine language
      monitor..
11   "disassembler.2"    prg     S: dissassemble programs to
      disk..
48   "p-unassembler"     prg     S: unassemble ml into
      sourcecode..
2    "basic.stp"         prg     S: convert SEQ programs to
      programs..
75   "next-wedge"        prg     S: full featured wedge program..
70   "disk-doctor.128"   prg     S: repair disks on C-128 (40
      col mode)..
9    "unicopy128"        prg     S: single drive c-128 file
      copy..
45   "dir.listmaker3.1"  prg     S: make textfiles of your
      directories..
3    "dir-chain"         prg     S: link many directories
      together to make list of disk directories..
4    "dir-chain.128"     prg     S: same as above for c-128..
3    "disk.renamer"      prg     S: rename 1541 or 1571 disks..
7    "e-z.fl.renamer"    prg     S: rename many files at once
      (64)..
93   "da v3.4.mow"       prg     S: directory editor for 1541..
13   "multi.file.copy"   prg     S: copy files C-64 (good one)..
6    "crazy.seq.maker"   prg     S: make animated color
      textfiles..
2    "copy file 64"      prg     S: single file copier..
3    "doc.reader.128"    prg     S: simple c-128 textfile
      reader..
11   "e-z.seq4.8"        prg     S: great multiple text file
      view/printer..
2    "drn3"              prg     S: change drive device number..
77   "ccgms5.5b(fix)"    prg     S: C-64 term program (clean
      2400 baud!)..
158 blocks free.
```

...
Sx91126a_Pn911_8--- PACC TALK..
Previous Exchange Newsletters (3):..
Sx91102a_Pn90C_8--- PACC TALK..
Sx90B26c_Pn90B_8--- PACC TALK..
Sx90A15a_Pn90A_8--- PACC TALK..
Pittsburgh Area Computer Club Newsletter, Jan. 1991, 8pages..
c/o Ralph Vasko_412-379-8762..
--- DBase VP..
--- One Virginia Drive..
--- Donora;; PA_15033..
..
Other Contact:..
Timex Sinclair S16..
c/o Judy Muir_412-379-8762..
..
Contents (4):..
1. Cp/M "JetFind" program review;; By: Sam Vincent_Tel.:_ ..
2. MSDOS "Express Publisher" program review;; By: John D. Hankowsky_Tel.:_ ..
3. MSDOS "Express Publisher" program review;; By: Phil Cutrara_412-766-8790..
4. Treasurers report- October 31, 1990..
...

29..
Sp91125a_Wahl_MP..
Re: Sa91118a..
Package from: Mark Wahl..
Contains (2):..
1. Note:..
*..
P.S. ..
I was wondering how much the envelope and disk are "crunched" by going through the mail. If there is a lot of pressure, the envelope will be wrinkled around the piece of cardboard..
Mark Wahl..
*..
2. 5.25in 720K QL diskette contains ():..
1991 Jan 25 17:48:23

```
WM91111j     906/1440 sectors
WM91111j_dir     362  1991 Jan 18 13:59:51
WM91111j_slx     208  1991 Jan 11 12:20:12
WM91111j_plx     208  1991 Jan 11 12:20:13
WM91111j_elx     208  1991 Jan 11 12:20:14
WM91111j_klx     208  1991 Jan 11 12:20:14
WM91111j_hlx     208  1991 Jan 11 12:20:15
QLMenus_bas    43096  1991 Jan 18 13:56:04
Sa9101         30819  1991 Jan 18 13:57:00
estruct_h_111818632   1991 Jan 18 13:59:37
ql_c_1118       7618  1991 Jan 18 13:59:44
emacstv_exe    99352  1991 Jan 23 17:16:52
sa9101_eti     51143  1991 Jan 23 21:20:28
reply_mfw       1027  1991 Jan 23 21:47:18
WM91111J_sta in use
```

..
reply_mfw:..
*..
Revision: 910123.2147_PST..
Subject: Response to SA9101..
..
This disk contains (at least) two new files:..
1. emacstv_exe..
2. sa9101_eti..
..
Emacstv is the result of replacing the previous version of ql_c with ql_c_1118, resulting in improvements 1-4..
An undocumented modification has been made in the procedure qlbeep(): the '5' has been replaced with a '50' to produce a (slightly) less annoying error beep..
The file 'sa9101_eti' is a compacted keyword index of 'sa9101' revision date 910118.1000_PST. The file is in this format:..
..
keyword [''' _filename_ ['%' _offset_]]]..
..
A C program (mkt) ran for 15 minutes in the background to produce this..
I haven't tried running it in the foreground to time it accurately..
An executable copy of this program will be available soon, once it has been more fully debugged..
..

I am currently without Internet and email access due to the increasing failures of the OCF Apollo cluster. I do not expect to regain access until about 910205..

..
END.End..
"..
...

2E..
Se91122a_Martin_MF..
Package from: Mark Martin_517-655-2542..
Previous Activity:..
Se91105b_Martin_MM..
..
Package Contents (4):..
1. GL SD Guide copy. Re: Se91c11..
2. 5.25in diskettes (2):..
2.1 Marked: "Lansing Area Commodore Club;; Name: Pet;; Id: X-2 Ass"..
2.1 "For Steve. Don't know what he'll get from it, but here it is anyway. Could I possibly get this back? I couldn't copy it, so I decided to send you the original."..
2.2 Marked: "SLIX Xchange Disk 1;; QL=720K"..
flp4 SLIX
756/1440 sectors
to Bill M 011 8119
LatticeC_anal 5965
LatticeC_anal1987b
LatticeC_poin 634
LatticeC_dtoq 1255
LatticeC_asmt 3272
LatticeC_LINE 747
LatticeC_ARC 779
LatticeC_scal 729
LatticeC_ELLI 798 a
LatticeC_grap12e04 se
LatticeC_anex 1861
LatticeC_setc 461
LatticeC_INK 634
LatticeC_POLY 1285
LatticeC_PLOT 2373
LatticeC_FILL 405
LatticeC_asm11745c
LatticeC_aqid 408
LatticeC_GCUR 685 a
LatticeC_addl 148e
LatticeC_cryp 2050
LatticeC_cryP18862
LatticeC_func 3301
LatticeC_xref 714e
LatticeC_Read 6044
LatticeC_c_xr 377
LatticeC_xrf_23574
LatticeC_pas_ 291
LatticeC_grap 2781
LatticeC_lib_ 601
LatticeC_qdos 1855
LatticeC_anal 195
SmallC_cc 42222
SmallC_cg 27472
SmallC_lg 1697e
SmallC_ac_obj 1147
SmallC_std_li15587
SmallC_stdio_ 272
SmallC_sieve_ 675
SmallC_readme21966
SmallC_readme20381
SmallC_defaul 1355
SmallC_sort_c 7824
SLIX_dir 1475
..
4. Letter:..
"..
Jan. 13, 1991..
..
(Repsonse to: Sc90C22b):..
..

Bill,..
..
I received your newsletter yesterday, the 12th..
I had been waiting for your reply to my first letter on the MFSBBS, so when the newsletter came with replies to both my messages, I decided to write you one letter to reply to both or your replies, but split into a few parts..
Follow me so far? I don't..
..
I think I have this SLIX thing figured out pretty much now. It has taken a while to get used to the format involved, but now that I am used to it, it is really pretty easy to find stuff in it and understand it..
You were right, too, about having everything indexed, so that I wouldn't have to go digging through piles of papers to find referenced articles..
You also mentioned something about needing help with writing "indexing/organizing" routines to help you manage the project..
..
Enclosed in this packet you will find(4):..
..
1. Your book back from the library: "Developer's Guide"..
..
2. A 720K disk with this file on it, to be used to get a copy of the "Slix QL System Disk"..
..
3. Postage and handling funds..
..
4. Maybe a Pet/64 disk for Steve. Maybe I'll find the stuff I told him about. Maybe I won't..
..
Note: The disk will also contain files which I will throw on there later, after I compose this letter. I don't know yet what they'll be..
..
As far as MEmacs for the Amiga, I have version 1.3, ported to the Amiga by Andy Finkel. It comes with the Amiga when you buy it, and I couldn't find anything in the manuals about why that is..
Quite a bit of the stuff included with the Amiga is basically PD stuff that Commodore decided to package in the standard system..
..
As for the "$25 LAN", I might either buy the software, or at least write to the guy at Imodes tomorrow..
I have had absolutely no luck with trying to transfer stuff serial--serial with the Ami through terminals on either end and using Xmodem. For some reason, I can' get Qlink's xmodem to work AT ALL..
And I have also had trouble trying to use Xmodem with the Ami on the local boards (whom don't support any other protocol). I know Zmodem works on the Ami, but I don't have Zmodem for the QL..
I have also have yet to download Xmodem with the Amiga off of the MFSBBS. Hmm. ..
I will be looking into the LAN as a solution shortly, but there is also another alternative possible. Matt Dillon is a very prolific and ingenious Shareware writer for the Amiga. He wrote DICE, which is the C compiler I am now using on the Amiga..
He also co-authored a UUCP package for the Amiga, as well as a network link between Unix and Amiga machines (serial). It allows for several channels, as well as multiple clients and the ability for either end to be used as the server..
I have the source to this, and this may be a possibility, at least for me. I am thinking about looking into it, and if it sounds at all feasible, I will let you know, as well as get a hold of Matt to ask him about the subject..
..
When I started to consider the direction that the QL bbs project was going to take, I came up with several possible solutions..
First, I could continue on as I am, gradually making it a virtual clone of the bbs's running on IBM's in the area..
Or I could turn it into a mini-file server, like Steve's out there..

So, I could do as you suggested, and turn it into sort of a [illegible] a base kinda thing, (i.e. subject fields for files) and dedicated it more or less to Sinclair pursuits..
I really like the idea of the latter, but the main reason that I started it was to bring the messaging capability to my own little QL world (in my home). I don't think I can give up the messaging aspect, but I will probably postpone it..
It would probably be better suited if I stuck with your suggestions on a data base/file server first, and added the more contemporary bbs type aspects later..
Besides, my area has too many bbs's as it is, so I would probably have a dead board if I tried to "compete" with message bases on other local boards anyways..
I have also finally kicked the project to the front burner. The networking bit is the only other thing besides the bbs project that I am going to spend any amount of time on..
I feel that I have to get focused on the project to even think of finishing it any time soon..
..
(Response to: Sa91105b):..
..
I purchased the QL system that I now have from a guy in the area (from Mason, and his name is Bob Dodge)..
I had briefly talked with him last June about buying some of his old stuff, and when I called again a couple of weeks ago, I found out he wanted to sell the whole system..
I found his number in the Time Designs issue on local computer groups. I just kept his name in the back of my head all this time, and decided to call him up to see if he was still into QL's..
BTW-- I don't know if you knew this, but I also have a Timex 2068. I have a disassembler for it, as well as an Assembler. I haven't touched it in ages, but I don't know if I'll ever sell it or donate it..
I also have about 6 or 7 other hobby computers (PET's, TRS [illegible]s)..
..
I will also look forward to seeing the system disk with QLMenu on it, so that I can use Fstat to catalogue all of my disks..
..
(Response to: Sc90107a):..
..
When I talked to Tim, he mentioned that he would mail me a copy of the Hacker's Journal. I have sinced received it, and am very pleased that there is still a bit of growth in the support of QL's..
..
As far as C compilers go, I have Sozobon C on the Amiga, which was originally written for the Atari ST. It is a HUGE monster..
I haven't had much luck compiling it on the Amiga, since I have yet to tell if the source is still in Atari form, or has been altered for the Amiga..
I was thinking along the same lines as you guys and Mark Wahl: compile Sozobon C (altered to compile QL executables) for the Amiga, and then recompile Sozobon C (using Sozobon C), so that a QL executable form is produced..
The reason that I can't just use a QL specific library is that the Amiga saves exec files in a block form, with specific hunks and stuff identifying code, data, and tables to convert "jmp" addresses so that the code can be relocatable..
There is also PDC, which simply stands for "Public Domain C", which, like Sozobon, supports Structures among other things. The bbs will come first, but this is something to think about..
..
(Response to: Sc90C27b):..
..
It is a joy to hear from someone like Oscar Macia. I was delighted to hear him tell of his exploits in New York. He sounds like a very likable and nice guy. I hope he has fun back in Argentina..
My only regret is that his impression of America is based on a city like New York ..
Besides Cali, he should try some of this peacefull country/small town life..
I don't know how it is for you guys out there in Cali, with all of your Sun and beautiful babes, but there is a lot to be found in the simple country life. With winter (if it's not toooooo cold), and snow, you can have a blast sledding or ice skating..
With summer, EVERYBODY, and I mean ALMOST everybody, has a pool. And the best things are:..
a) it's pretty cheap...
and..
b) there's time to do it..
I can't believe it! $500 to $1000 a WEEK! To rent an apartment? You have to be kidding me ! I must be missing something here..
BTW-- How IS it out there in Sunny California-I-am-here, we have been getting a wee bit of snow (only about 6 or 7 inches in the past 4 or 5 days)..
Also, no sign of any earthquakes. Actually, I don't know if that's good or bad, since now no one knows when the one every one's expecting to hit out this way will hit. Me? I'm a naysayer. I say, "Nay. It will not hit."..
..
I look forward to your reply. Take it easy out there amidst all that sun. Me? I'll be making the old hot chocolate and putting wood in the old wood burner to keep the house warm..
..
Sincerely,..
..
Mark Martin..
'..
...

27..
Sa91120b_UseNet_SJMN-..
San Jose Mercury News UseNet Ad:..
'..
Starnet Connections..
Dial-Up Network Access For Your Computer..
E-MAIL- your personal electronic address: add it to your business card..
USENET- 1500 topics, multiple networks: it's like a BBS..
PLUS- Use our compilers, editors, languages, UNIX . . . . ..
It's easy to use, you just need a modem and terminal..
For More Information Please Call:..
Starnet_408-279-5833..
Starnet_415-949-5626..
'..
...

28..
Sa91120a_TSCPUG_S meeting..
Attendees (5): Norm Lenfeldt, Bill Miller, Chris Eipper_415-334-1241, Walt Johnson, & Bob Orrfelt..
1. Norm reports that connecting the yellow and black wires of the telephone line allows him to use his 286 and MODEM through the PBX where he works..
2. Bill brought the SLIX exchange newsletters and Articles and the Surplus Software from the SLIX Library..
2. Bill also reported he had received quite a bit of MSDOS shareware. Anyone wishing to test it and write a report for SincLink, please send Bill a disk;; re: Sc90825e_Hildebrand_JP, Sc90802a_Antelope_P ..
3. Chris (a new attendee) got a 286 at a pawn shop about a week ago for $150. He also owns a Tandy 100 and has previously owned a C64 and Amiga 500..
4. Walt demoed PC Lite on his 286..
5. Bob showed a TS2068 Cartridge board with 32K x 8 CMOS Static Ram which allows the Spectrum Operating System to be loaded from disk..
6. Bob also reports he bought a "Laser PC-3" for $99 at Sears which he intends to use to investigate File Server design..
...

25.1..
Sv91119a_buf_Partial:..
()Article 4333 of comp.sys.amiga.hardware:
()From: jerry@truevision.com (Jerry Thompson)
()Newsgroups: comp.sys.amiga.hardware
().

()Does anyone have any information on the 128Meg 3.5" floptical drives from Pinnacle Micro? The RED-130, 28 msec average seek time..
()
()Pinnacle Micro
()15265 Alton Parkway
()Irvine CA 92718
()1-800-553-7070
()Fax: 714-727-1913
()--
A: Pinnacle Micro PM_Tel.:_1-800-553-7070, Fax: 714-727-1913..
-- 15265 Alton Parkway..
-- Irvine CA 92718..
...

25..
Sa91119b_Gonzales_DM..
Meeting:..
Attendees (4):..
1. Bill Miller..
2. Steve Nichols..
3. Don Moser..
4. A: David Gonzales_Martinez_415-370-2274..
-- RT 1 Box 122..
-- Long Beach;; WA_98631..
..
David found out about us from Computer Currents and came to Stanford this morning to attend the Saturday morning meeting. He called us when he found there was no meeting (or at least he couldn't find one)..
We invited him to meet with us at 6675 Clifford Dr. ..
David happened to be in this area to visit a friend in Martinez..
David reports he has (4) TS1000's and is interested in doing Hi-Rez (pixel) graphics entirely in software..
He has written his own disassembler and suspects he will need to disassemble programs like "Rocketman" and "Meteorites" from "Software Farm" in the UK to learn how..
Can anyone help him find a copy of "Rocketman" or "Meteorites"?..
David reports he learned Z80 assembly language in High School on a TRS-80. He has also owned an Atari 800 with disk drive..
David also WANTS TO BUY a TS1000 disk system..
We suggested (6):..
1. Placing an article in UseNet's "comp.sys.misc" newsgroup requesting information on TS1000 high res graphics and TS1000 disk systems FOR SALE..
2. Trying to contact Fred Nachbaur..
3. Placing an article in SincLink (this article)..
4. Looking thru past issues of SincLink. We gave David an MSDOS 360K 5.25in diskette containing SincLink Jan. 1990 to June 1990. David reports he has a friend with an MSDOS computer to help him look thru the disk..
5. Looking thru "Computer Classifieds" CC_BBS_408-253-4280 for TS1000 disk system. Steve called the "Computer Classifieds" on our QL system but didn't get any helpfull information..
6. Using an 80386 system as a "File Server" for the TS1000 "Client"..
David promised to keep us informed of his progress..
...

24..
Sa91119a_Lambert_DL..
Previous contact:..
Sc90A20b_Lambert_DL..
Call from: Don Lambert_219-925-1372..
Don called to inquire about how to subscribe to SincLink..
We replied that there are many ways (6):..
1. Mail a check or money order for $15 payable to "SincLink" to:..
A: SincLink..
c/o Bill Miller_408-253-3175..
--- 6675 Clifford Drive..
--- Cupertino;; CA_95014-4530..
2. Send us an exchange newsletter on disk (or paper if disk is not available)..
3. Send us some Sinclair information and we will send a current SincLink or SLIX Articles file in exchange..
4. Upload some Sinclair information to the MFSBBS_408-253-2295 and download SincLink directly from the BBS..
5. Look for "Sinclair News SaYYMM" in the "Subject:" field of "UseNet's" "comp.sys.misc" newsgroup and capture SincLink on your UseNet Server..
6. Contact us through any of our Internet Addresses and ask to have SincLink delivered by "UUCP" or "Anonymous FTP"..
..
Don also reports (3):..
1. The ISTUG meeting is the nearest TS User Group Meeting. It is about 150miles away..
2. Don is not yet official editor of the SNUG Newsletter..
3. Don has been investigating the "Oliger" disk system for the TS2068..
..
We suggested investigating an 80386 system as a "File Server" for the TS1000 and TS2068 "Clients"..
Don promised to keep us informed of his progress..
...

23..
Sa91118a_Wahl_MN..
Note to Mark Wahl:..
Mark:..
We have a very immediate need for a TV version of QL MicroEMACS 3.8b. It should have the following changes (more or less in order of importance) (5):..
1. Black characters on a white screen..
2. White characters on a red mode line..
3. 20line (200pixel) x 75character (450pixel) window located at the center of the monitor screen. Corner coordinates: x=31, y=28..
4. Memory size: 2:2144..
5. Maximum line length: 512 (Change in "estruct_h")..
..
We have enclosed a diskette which has (3):..
1. A new copy of "QLMenu" demonstrating (2):..
1.1 Windows with white paper and various colored ink..
1.2 Full width window (channel #16)..
2. Changes to QL MicroEMACS 3.8b source code which we suspect may implement changes 1 to 5 above..
..
Please return a diskette with the new "emacstv" executable in the enclosed SASE..
Thanks..
...

22..
Sa91116b_GUTSCE/SV_1 Meeting..
...

21..
Sa91116a_Dallas_AZ..
Call from: Alonzo Dallas_408-294-6054..
Alonzo reports that he has a TS1000 FOR SALE. He promised to contact us again with a complete list of items..
...

20..
Sa910115a_Cygnus_TV..
Video Tape (WM91110a) of the Channel 60 "Legal Currents" program on copy protection featuring David Wallace_Tel.:_ of Signus Support (a GNU support enterprise), and a representative of Ashton Tate..
...

19..
Sa91112a_Ray_JC..
Call from:..
A: Judith Ray_408-365-7139..
-- 124 Rue Boulogne..
-- San Jose;; CA_95136..
..
Judith called to find the location of the 910116 GUTSCE/SV meeting..

She found out about us from the San Jose Mercury News..
She has a TS1000 and TS2040? printer which she suspects she may have bought in 1980- 81..
She would like to keep a 50person client list on it. She has never used it. She intends to attend the meeting and bring her equipment..
...

18..
Sx91110f_In90Ct7_28 TIMELINEZ..
...

17..
Sx91110e_In90CtR_10 ISTUG_NL..
Previous Exchanges:..
Sx90R25f_In90At9_14 ISTUG_NL..
Sx90904c_In90Bt7_10 ISTUG_NL..
..
Indiana Sinclair Timex User Group Newsletter, November - December 1990, 10pages..
c/o Frank Davis_317-473-8031..
--- Editor..
--- 513 East Main Street..
--- Peru;; IN_46970..
..
Other contact: Paul Holmgren_317-291-6002..
..
Contents (6):..
1. Wanted or For Sale (7):..
..
1.1- Programs for the TS1000, TS1500, and TS2068, formerly offered by "Games To Learn By", new or demo only. Price is $5 + $0.50 for shipping and handling. Send SASE for list to:..
A: Mark Yost_203-693-6511..
-- P.O. Box 187..
-- Canton;; CT_06019..
..
1.2- Sinclair Computer Repairs:..
A: Dan Elliott_417-469-4571..
-- Box 117..
-- Cabool;; MO_65689..
..
1.3- UPDATE COMPUTER SYSTEMS (Large quarterly magazine supporting the TS2068, Spectrum, QL, and Z88). Sample at first class mail is $4.95 (counts toward subscription price if you decide to subscribe) or $18/ year to:..
A: UPDATE COMPUTER SYSTEMS..
-- PO Box 1095..
-- Peru;; IN_46970..
..
1.4- FOR SALE - TS2068, TS2020, TS2040, programs, etc. All working fine:..
A: Jerry Wheeler_Tel.:_ ..
-- 320 Elder St. ..
-- Portland;; IN_47371..
..
1.5- FOR SALE for QL (3):..
1.5.1- $40- (3 adv_carts)- Integrated Accounts..
1.5.2- $15- (2 adv_carts)- Nucleon..
1.5.3- $30- (1 adv_cart)-- Speedscreen ROM..
From:..
A: Al Feng_708-971-0495..
-- 15 Wake Robin Crt. ..
-- Woodbridge;; IL_60517..
..
1.6- FOR SALE: TS1500, TS2040, 3rolls 2040 paper, software and books. $140 or best offer to:..
A: Brian Fouts_812-522-8987..
-- 211 Emerson Dr. ..
-- Seymour;; IN_47274..
..
1.7- FOR SALE: A&J 2000 Stringy Floppy for the TS2068 with MSCRIPT on cartridge, plus 3 blank cartridge wafers for $65 which includes postage and handling. Contact: Frank Davis..
..
2.- MACro Systems "Personal Assistant" 2 pound computer (Cambridge Z88?!?!)- $325 from:..
A: MACroSystems_801-575-8855, FAX 801-03646050, TOLL FREE 800-[illegible]-0855..
-- 1247 South State Street..
-- Salt Lake City;; UT_84111..
..
3.- UK Product News;; By: Mike Felerski (4):..
3.1- "PLUS 'D' Disk Drive Interface for ZX Spectrum (4):..
3.1.1- 48K..
3.1.2- 128K..
3.1.3- +2..
3.1.4- +2A..
From:..
A: Datel Electronics Ltd. DEL_Tel.:_UK_0782-744707, Visa/ Access Orders, 24hrs..
-- Gowan Road..
-- Fenton Industrial Estate..
-- Fenton, Stoke-On-Trent;; ST4-2RS..
-- ENGLAND..
..
3.2- Tasman Software still available (6):..
3.2--- 48K 128K +3(Disk) Product:..
3.2.1- N/A -X-- --X----- TASCALC The Spreadsheet..
3.2.2- -X- -X-- ---X---- TASPRINT The Style Writer..
3.2.3- N/A -X-- ---X---- TAS-SIGN The Sign Maker..
3.2.4- N/A N/A- ---X---- MASTERFILE Plus Three The Database..
3.2.5- X-- X--- N/Applic TASMAN PARALLEL Printer Interface..
3.2.6- X-- X--- X------- TASWORD The Word Processor..
From:..
A: TASMAN SOFTWARE, LTD. TSL_Tel.:_UK_0532-438301, Visa/ Access Orders..
-- Dept Sw..
-- Springfield House..
-- Hyde Terrace..
-- Leeds;; LS2-9LN..
..
3.3- UK Prices..
3.4- Helpfull Hints When Purchasing Abroad..
..
4. Digital Precision Ad for: QL "Perfection" Editor/ Word Processor..
..
5.- TS2068 "Easy Word Search" Program listing;; By: Basil Wentworth..
..
6.- Mini Mechanical Affinity Catalog: QL, TS2068, & TS1000 items. MA_Frank_317-473-8031. MA_Paul_317-291-6002..
...

16..
Sa91110d_Dohany_JL..
Letter From: Jack Dohany..
..
"PUBLIC NOTICE FROM JACK DOHANY dated January 1, 1991..
..
As of January 1, 1991, I have retired from my 2068 support activities. I will accept no further orders from anyone for anything, nor will I accept phone calls or answer letters, except from close friends or fellow developers..
..
The reason is this: I've been spending far too much time on support, and virtually none on programming, which is my hobby and passion. So I'm going to stop trying to be a dealer/ guru, and resume being just a programmer and hardware developer..
..
Of course I'm NOT defecting from the 2068 to another computer; the 2068 is still the ONLY computer I like and use..
I plan to spend most of my free time for the next few years producing software and hardware for it, which I'll make available through dealers such as RMG and Ed Grey. Other dealers who would like to carry my stuff are invited to contact me..
..
What about support for my products? Dealers will forward any problems or questions they can't handle to me, and I'll get around to dealing with them eventually..

..
With luck, I'll find time now and then to write articles for UPDATE, which I've never had time to do..

..
I'd like to thank all the many 2068 folks with whom I've dealt, for their generosity and patience... and please leave me alone now!..

..
NOTES:..
If you have asked for a catalog, or written to me in expectation of a reply, please accept my apologies: I no longer have a catalog, and I cannot reply to your letter. Please write or call a dealer of your choice. I know of these two dealers (2):..

..
1.- RMG Enterprises..
1.- 1419 1/2 7th Street..
1.- Oregon City;; OR_97045..

..
1.- Contact: Rod Bowen..
1.- Voice: 503-655-7484..
1.- Times: Tue- Sat Noon- 10PM..

..
2.- Ed Grey Enterprises..
2.- P.O. Box 2186..
2.- Inglewood;; CA_90305..

..
2.- Contact: Ed Grey..
2.- Voice: 213-759-7406..
2.- The Grey Matter BBS & RCP/M: 213-971-6260 (CALAN)..

..
If you want to keep posted, please subscribe to this quarterly magazine for users of Sinclair computers:..

..
UPDATE COMPUTER SYSTEMS..
P.O. Box 1095..
Peru;; IN_46970..

..
Edited and published by:..
Carol and Frank Davis..
Phone: 317-473-8031..

..
Subscription rate: $18 per year USA..
Back issues: -- Bill Jones;; -- 1317 Stratford Ave. ;; -- Panama City;; FL_32404..

..
Hi Bill,..
This will be published in UPDATE. Thought you'd like to see it ahead of time"..
...

15..
Sa91110c_Gintling_RP..
Package with 5.25in MSDOS Diskette marked: "WM89C22E"..
Richard:..
We got the disk and letter alright, but were not able to read the disk..
In fact, it does not turn in the sleeve!!..
Are you sure it was turning in your machine?..
If it was, then somehow it got crushed in the heavy duty mailer you sent it in, and didn't get crushed in the light duty mailer we sent it in!!..
Very puzzling??..

..
This file will give you some idea of what we have been doing so far in 1991..
Hope to hear from you again soon..
...

14..
Sa91110b_Plondke_GP..
TS2068/ TS2040 letter from George Plondke..
Previous contact:..
Sc90B25b..

..
"January 5, 1991..
..
Dear Bill:..
..
Thank you for your response to my search for A&J Wafers. I heard about you from Paul Holmgren of SNUG (I am a new green member) which couldn't help, so I contacted you suspecting that Silicon Valley has everything electronic and supporting media!..

..
I don't know a I wafer from a II so I am enclosing a sample (defective) that fits my A&J which includes their Model 2000 Stringy Floppy..

..
I obtained a copy of "Personal Accountant" but am still looking for a few wafers. If you can steer me to a potential source, I will be grateful to you. I prefer the 35 ft. length for I have ProFile and need the space. Longer ones OK of course..

..
Most of the information in your SincLink is over my head as I have gotten a late start with this as a hoopy and there is no local group to join to try to get up to speed. Thanks anyway..

..
I am enclosing an SASE for your reply to my search for wafers..

..
Regards,..
George Plondke"..

..
George:..
Thanks for the SASE!!..
It turns out that you have Wafer II's (The BSR/ Astec/ Entrepo design)..
We found four blank 62ft. Wafer II's in our library. We would prefer to loan them to you for 30day periods..
If you will send a report on your TS activities each 30days, the loan can be extended indefinitely..
The cost would be (3):..
1.- $15 - SincLink Subscription..
2.- $24 - Refundable deposit (4 @ $6ea.)..
3.- $03 - Shipping & handling..
4.- $42 - Total..

..
Hope this helps..
You might also try (3):..
1. RMG_503-655-7484..
2. Eric Johnson_904-775-4935..
3. A: Andy Hradesky -- 2175 Aborn Rd. #262 -- San Jose;; CA_95121..
Andy is moving to Colorado on Jan. 15, 1991, but his mail will be forwarded..
Hope to hear from you soon..
...

13..
Sa91110a_Dodds_DC..
Call from Dawn Dodds to confirm both Sinclair Groups meetings for February..
...

12..
Sa91109a_Wahl_MM..
Meeting with Mark Wahl..
Topics():..
1. Mark repaired the QLMenu "fls" PROCedure. It called a routine from "QLTerm_pcd" which was removed when "QL52" was installed. Mark "REMed" out two lines and added one line to fix it..
2. Mark downloaded the latest version of "cvw" (Was: "c68") from SVCS1:..

..
Article 3773 of comp.os.minix:
Path:
svcs1!mips!spool2.mu.edu!uwm.edu!cs.utexas.edu!usc!wuarchive!uc el!mmdf
From: HB0043%DJUKFA11.BITNET@cunyvm.cuny.edu (Christoph van Wuellen)
Newsgroups: comp.os.minix
Subject: 68000 and i386 C Compiler, Version III
Message-ID: <40973@nigel.ee.udel.edu>

Date: 7 Jan 91 18:16:06 GMT
Sender: news@ee.udel.edu
Lines: 21
Received: Mon Jan 7 12:16:16 1991

..
Here is the long-awaited Version III of 'c68', which now is a full 68000 and 386c C compiler..
..
This posting consists of several parts (:..
part1.uue to part7.uue ------- the compiler itself..
lib68k.uue ---------- 68000 support library..
lib386.uue ---------- 386 support library..
..
The 386 support library does not contain floating point support..
The compiler does not need that stuff if a 387 is present. May somebody else take care of 387 emulation. c386 supportes the 387 directly..
..
The double data type is now fully supported in the front end and in the 386 code generator..
..
I have tested c386 on applications like C-TeX, Tel, and GNU GAS on a 386 workstation and it works. c68 now works on GNU GAS (there was a subtle bug when passing structs)..
..
C.v.W.
Glen Overby promised me to put this stuff into his archive.
..
3. Mark checked out of the SLIX Library: Electronics and Computing Monthly of November, 1984 for the QL article with source code for 'cat' which gives the length of a QL file..
4. Mark contributed 3diskettes to the SLIX Library(3):..
4.1 MW91109a - 42/1440 sectors - 16files - Mach Documentation..
4.2 MW91109b - 186/1440 sectors - 45files - c68 source code, odb (GNU Data Base) documentation and some source code, & Mach Documentation continued..
MW90107c - 1014/1440 sectors - 63files - QL BBS Prototype..
5. Mark searched thru the printout of the Index to the Quanta Library and found 3files of interest(4):..
5.1 Disk 04 - "C_FILES" - A "C" library, written for the Lattice_C compiler . . . included are routines to add new files to a library (C or an SROFF) . . . ..
5.2 Disk 05 - "LINK_EXEC" - A linking loader developed for use with the Metacomco Assembler..
5.3 Disk 06 - "CAT_CODE" - Provides an extended directory listing giving file sizes etc. ..
5.4 Disk 12 - "SERI_DRIVER" - A replacement device driver for SERI..
6. Mark reports his current projects are (4):..
6.1 Designing a high speed serial port / memory card for the QL. He currently intends to use the Zilog 8530 Dual serial controller..
6.2 QLMenu "fls" (File handling procedure) conversion routine in C. He has a scrolling menu selection routine which seems to work..
6.3 The source code to an ANSI compliant C compiler for the QL. The latest version of c68 looks like a good step..
6.4 Mark promised to get us the latest copy of "GNU QULL" which should bring us up to date on the status of GNU projects since the middle of 1990..
7. We suspect that the best place to exchange Sinclair Information on UseNet is in the "comp.sys.misc" newsgroup..
8. Mark left the following message on the Atari_BBS_408-848-6033:..
..
#62 1 09 Jan 91 13:42:58
From: Mark Wahl
To: All
Subj: Minix info wanted
(Is anyone out there running Minix on an Atari ST? If so, please leave me a message.
3: We are seeking help with compiling Minix for another
4: 68000 machine.
5: Thanks for any help you can provide.
6: Mark Wahl
7: wahl@ocf.berkeley.edu
..
...

11..
Sa90108b_Floptical_News..
From San Jose Mercury News of 910106 "Computing" section, "Peripherals" subsection:..
"'Flopticals' store more data . . . Insite is closest to shipping its product . . ."..
...

10..
Sa90108a_gcc_help..
Possible source of help for compiling gcc for the QL (from San Jose Mercury News of 910106):..
"Wednesday:..
South County Atari Users Group meets At 7 p.m., San Jose Computers Showroom, 1278 Alma Court, San Jose. SCAUG_BBS_408-848-6032 or call Ron Reade_408-225-7162..

9..
Sa91107b_USENET_MN..
San Jose Mercury News Usenet_408-279-5833 ad:..
"E-Mail, UseNet, UNIX + more from home. 408-279-5833"..
...

8..
Sx90107a_Qn911_12-- QL HJ..
QL Hacker's Journal, January 1990 (1991?), 12pages..
c/o Tim Swenson_703-820-6657..
--- 4703 W. Braddock Rd. #104..
--- Alexandria;; VA_22311..
..
Contents (6):..
1. Structured SuperBasic Version 2.3;; By: Timothy Swenson..
2. Ratcliff/ Obershelp Pattern Matching;; By: Timothy Swenson..
3. Finding the Default Device on the QL;; By: Real Gagnon;; From: Toronto Sinc-Link..
4. "Pursuit of a Public Domain C Compiler";; By: Tim Swenson..
5. Minix on the QL;; By: Tim Swenson..
6. Distribution Disks (6):..
..
"'Pursuit of a Public Domain C Compiler";; By: Tim Swenson..
(Or, The Source Code for an ANSI Compliant C Compiler for the QL?..
..
Mark Wahl, a student at UC Berkeley, has been looking into a public domain C compiler that can be ported to the QL..
As some of you already know, the only public domain C compiler for the QL is the Small C compiler available from the Quanta Library. Small C only supports a subset of C and not the full language..
Metacomco Lattice C supports full C, but it is a commercial package that is partially hardware based. Even with out copyright laws, it would difficult to distribute..
..
Mark has looked into two different compilers, the GNU C compiler GCC and one called c68 written for the Atari ST..
Due to the size of the source for the GNU C compiler, Mark has not had a chance to really investigate if the port will work..
On the c68 compiler, he has tried to compile it with the Lattice C compiler, but received an error message stating "Too many variables"..
..
Due to his work load at school, Mark can not dedicate too much time in pursuing this effort too quickly. If anyone is interested in taking up the challenge, contact the QHJ and we'll put you in touch with Mark."..
..
(You can also find Mark's address at Berkeley in the "Sn90_alx" file (SLIX Newsletter Address List Index). Who wants to write the program to generate this file? - Contact SLIX if you wish to help?..
...

7..
Sa91105c_Galica_QL..

Letter from:..
A: David Galica_Tel.:_ ..
-- 40 Krawski Drive..
-- South Windsor;; CT_06074..
..
"December 23, 1990..
..
Dear Mr. Miller:..
I am the proud owner of several of the TIMEX/SINCLAIR computers. These include the 1000, 1500, 2068 and even a clone PC8300..
I am interested in expanding my collection and am looking for information on what Hardware or Software is available (mostly software)..
Anything that you can send me about your group, items that you have available or even companies still in the T/S business would be greatly appreciated..
..
Enclosed, for your convenience, is a stamped, self- addressed envelope..
Thank you..
..
Sincerely,..
..
David Galica"..
..
David:..
Thanks for the SASE!! How did you find out about us? Perhaps from Computer Shopper?..
The inclosed June 1990 SincLink should provide you with a sample of the information available from our group, plus a partial list of the items available from our Software, Documentation, Hardware Library..
The best way to get more information is by subscribing to our newsletter and getting past and future issues on MSDOS diskette. Can you read an MSDOS Diskette?..
Hope to hear from you soon..
...

6..
Sa91105b_Martin_MM..
Subject: Message from Mark Martin on the MFSBBS..
Revision: 910105.1730..
..
"Jan 5, 1991..
..
..
Mr. Miller,..
..
Well, good news from mid Michigan, again. I have just purchased a COMPLETE QL system. I now have all that I could ever need. A list of what I now have is as follows ():..
1. A complete QL system with ():..
1.1 A British ROM QL..
1.2 768K Trumpcard..
1.3 2 720K 5 1/4" Drives..
1.4 QL monitor..
1.5 QL printer..
1.6 JoyMaus mouse..
1.7 A whole lot of microcartridges..
1.7.1 G Desk..
1.7.2 G Basic..
1.7.3 Super Media Manager (Bad Media)..
1.7.4 Lock (I assume it's "LockSmith"--Bad Media)..
1.7.5 Giga Chrome (Can't get it to work)..
1.7.6 QL Founts..
1.7.7 Sign Designer..
1.7.8 Other stuff of which I have no idea..
1.8 Even more floppies..
1.8.1 Most of these are the Quanta Lib (up to 15)..
1.8.2 The others are from some other library..
1.8.3 Page Designer..
2. Another complete system with ():..
2.1 A US ROM QL..
2.2 512K Expandaram (OK right now, memory is on Trumpcard)..
2.3 TRL disk drive interface..
2.4 QCARE, QJUMP ROM..
2.5 2 360K 5 1/4" Disk Drives..
2.6 Same old crappy BW TV that I had before..
3. My old QL system with ():..
3.1 US ROM QL..
3.2 BW TV..
4. 1200 Baud Avatex hc. with Modapter..
5. 9600 Baud Microcom AX9624c with custom made cable..
6. I.C.E. on ROM, along with choICE..
7. Manuals, manuals, manuals..
..
I have all but the ICE, since the guy I bought all this from hadn't unpacked it yet. I still owe him money (I'm making monthly payments on this stuff), so he will get it to me some time in the near future..
Needless to say, I am very happy! Finally, a REAL QL. I haven't had too many problems with it yet (My old QL won't work well with the monitor or the Trumpcard)..
I also plan on putting the biggest system in a PC type case, and either get a keyboard ($100 from Sharp's), or hack the heck out of one of these QL keyboards, and make the keyboard able to sit on you lap..
Heat is the biggest reason that I am thinking of throwing it all in a case--I can put a fan inside to cool EVERYTHING down..
..
Well, I have talked with Tim Swenson, and the Minix thing is a big iffy. He says that he sent E-mail to the guy over in the Netherlands, but hasn't heard anything back..
He also said it was iffy over the ability of distributing it here, since Prentice-Hall (or whoever has the copyrights) will retain full rights to it. He also said that he was only going to get a Beta version anyway..
BTW- He mentioned that he missed his Pascal. Hint, hint..
..
Well, I found an early version of that small C compiler that I had on 4uanta library. I haven't tried it out much. I also have a Forth79 compiler, as well as quite a few assemblers and monitors. I have a bit of experimenting to do..
..
As far as the bbs is concerned, I have moved it over to floppy, but I have been sidetracked a bit from it to explore all the disks that I have..
I am still taking inventory, and perhaps I will compile a list of all that I have so that I can send it to you. Most of the stuff looks like PD or $ware..
..
I am going to cut this short (I want to try some things out on one of the disks), so take it easy out there. I look forward to hearing from you!..
..
..
Mark Martin"..
..
Mark:..
Good to hear from you. Glad you now have disk drives for your QL(s). It almost looks as if you may have Gil Blasingame's old system(s). It might help if we knew if you found the source of this equipment in SincLink..
Thanks for the list of equipment. A list of files you have would also be helpful. A program like the following will do the job:..

```
1530 REMark Fstat 901129.1531;; ################################
1531 REMark Send STAT and WSTAT of Current Device to a file on
     Current Device...
1532 DEFine PROCedure fstat
1534  cdev$= "flp3_"
1535  media name$= "WM90B28K"
1536  OPEN NEW #5; cdev$ & media_name$ & "_sta"
1538  PRINT #5; DATE$
1540  STAT #5; cdev$
1542  WSTAT #5; cdev$
1544  CLOSE #5
1546 END DEFine
```

..
You may also want to try to write a program to extract the "Subject:" fields from the files and add them to the "_sta" file..

It would also help if you added "Subject:" fields to any files you think we might be interested in so that we MAY be able to find them easily..
..
We looked thru our library for Tim's Pascal Compiler, but couldn't find it, we suspect Andy Hradesky may have it. We do have Tim's Assembler Workbench..
Keep us informed of your progress..
..
P.S.: "Mr. Miller" seems a little formal..
...

5..
Sa91105a_TSCE_SIG/TCW 11..
Attendees (11): Dick Delp, Herman Griffin, Mark Wahl, Howard Liebowitz, Bill Miller, Jim Howell, Clark Murphy, Bill Baker, Darrell Southwell, Ralph Muraca, & Dave Young..
Topics (4):..
1. Bill Miller reported on Steve Nichols' purchase of an "AT" system at "Soft Warehouse" for $399. "Soft Warehouse" threw in a free "XT" (Normal price: $299)!!..
2. Jim Howell demoed the following programs on Dick Delp's 386sx System (7):..

```
1991 Jan 09 09:56:21
Wa90B28a     552/1440 sectors
NONUMLOK_COM      15  1991 Jan 09 09:51:16
ADVSIMP_EXE   19426  1991 Jan 09 09:51:45
ATT_EXE        3536  1991 Jan 09 09:51:51
CRIBBAGE_EXE  12914  1991 Jan 09 09:52:11
DEMO_EXE       6848  1991 Jan 09 09:52:22
FACTOR_EXE    15174  1991 Jan 09 09:52:46
HEXER_EXE      8388  1991 Jan 09 09:52:59
```

..
3. Bill Baker reported on his new 486 System (with 4MB RAM) that he got at "Fry's" for under $2000..
He reports it is startlingly fast..
5. Math functions are speeded up 10- 25 times over his old 286 with 287 math co- proccessor..
4. Mark Wahl reports he suspects the best way to attempt to get the source code for a QL ANSI Compliant C compiler is to use "QL Small C" to compile "c68" for the Atari ST and then use QL "c68" to compile "gcc" on the QL..
4. Mark suspects compiling "gcc" on the QL will require 4 720k disk drives, which we have..
4. He suspects that another possibility is to compile "gcc" on an Atari ST with a Library modified for the QL. This has the advantage that we can read the resulting Atari ST disk files on the QL since both machines can read and write an MSDOS diskette..
4. Mark contributed to the SLIX Library: "UNIX Quick Reference" sheet for "Ex" and "Vi"; the two editors on the SVCSI PC_UNIX_SIG Public Access UNIX System..
...

4..
Sa91104a_Hradesky_AT..
A belated THANK YOU to Andy Hradesky for loaning us the following files to check for compatibility with QL MicroEMACS 3.8b:..
..

```
1991 Jan 04 11:24:10
wa90818c     126/1440 sectors
wa90818c_dir   1516  1990 Oct 26 10:29:46
wa90818c_ddr    301  1990 Aug 18 21:03:11
wa90818c_plx    301  1990 Aug 18 21:03:11
wa90818c_alx    301  1990 Aug 18 21:03:12
wa90818c_hlx    301  1990 Aug 18 21:03:13
wa90818c_klx    301  1990 Aug 18 21:03:13
wa90818c_rlx    301  1990 Aug 18 21:03:14
MSDOS_cde     19750  1990 Oct 23 13:34:54
XCHG_HOB       665e  1990 Oct 23 13:35:04
QUIL_HOB      23040  1990 Oct 23 13:35:20
ABBA_HOB      23552  1990 Oct 23 13:35:36
GRAF_HOB      17408  1990 Oct 23 13:35:48
ARCHV_HOB     30720  1990 Oct 23 13:36:10
xchange_dat     128  1990 Oct 23 13:36:12
g_prt           510  1990 Oct 23 13:36:14
CANONPJ_prt     488  1990 Oct 23 13:36:16
FX1C0_prt       512  1990 Oct 23 13:36:18
GPRINT_prt      510  1990 Oct 23 13:36:20
INTG4132_prt    488  1990 Oct 23 13:36:22
JX80_prt        615  1990 Oct 23 13:36:24
NECPIN_prt      51e  1990 Oct 23 13:36:26
OKI20_prt       640  1990 Oct 23 13:36:28
EASEL1_tsl      185  1990 Oct 23 13:36:30
EASEL2_tsl      311  1990 Oct 23 13:36:32
ABACUS1_tsl     3e7  1990 Oct 23 13:36:34
ABACUS2_tsl   20499  1990 Oct 23 13:36:49
ABACUS3_tsl   20096  1990 Oct 23 13:37:04
INSTALL_bas   12277  1990 Oct 23 13:37:42
INSTALL_exe   23342  1990 Oct 23 13:37:59
install_dat    167C  1990 Oct 23 13:38:03
qlras         25002  1990 Oct 23 13:38:20
XCHANGE_exe   91784  1991 Jan 04 11:40:24
boottmot        275  1991 Jan 04 11:22:00  Subject: Boot for
 Timeout..
TIMEOUT         29C  1990 Oct 23 13:40:30
boot           2791  1990 Oct 23 13:40:34
XChg0A22_hlp    9e0  1990 Oct 23 13:49:10
installl_bas   9152  1990 Oct 23 13:43:47
tsl0A21_man    5596  1990 Oct 23 13:45:54
bootx           310  1990 Oct 23 13:45:58  Subject: Boot for
 Exchange..
```

...

3..
Sa91102b_PC_UNIX_SIG_ (14x2)..
Topics (2):..
..
1- DBEXPO91, March 26-28, 1991, Moscone Convention Center, San Francisco, Ca. More information:..
A: Norm De Nardi Enterprises NDN_415-941-8440, NDN_FAX_415-941-2066, 1-800-2DB-EXPO..
-- 289 So. San Antonio Road, Suite #204..
-- Los Altos;; CA_94022..
Handouts (1):..
1.1 Convention Center Exhibitor Map;; 1page..
1.2 "Preliminary Conference Program;; 6.5pages..
..
2- Protoize_Unprotoize..
2- Summary (3):..
2.1- Protoize is a tool to assist in the conversion of old-style (K&R) C code to new-style ANSI C code or C++ code (with function prototypes)..
2.2- Unprotoize is a tool to assist in the conversion of new-style ANSI C code to old-style (K&R) C code without function prototypes..
2.3- Both are part of the GNU project..
By:..
A: Ron Guilmette_415-732-7839..
c/o Ron Guilmette Computing, Specializing in (3): Compilers & Tools, Porting Services, & GNU Software..
--- 396 Ano Nuevo Ave. #216..
--- Mtn. View;; CA_94086..
2- Handouts (3):..
2.1 Announcement;; 3pages..
2.2 Protoize "Man";; 6pages..
2.3 Unprotoize "Man";; 5pages..
2- Ron promised to send the most recent versions of the program files to SVCSI..
...

2..
Sx91102a_P-90C_8--- PACC TALK..
Previous Exchange Newsletters (2):..
Sx90B26c_Pa90B_8--- PACC TALK..
Sx90A15a_P-90A_8--- PACC TALK..
Pittsburgh Area Computer Club Newsletter, Dec. 1990, 8pages..
c/o Ralph Vasko_412-379-8762..
--- DBase VP..
--- One Virginia Drive..
--- Donora;; PA_15133..
..
Other Contact:..

```
2000 REMark Pf-910423.1824 ##########################################
2005 REMark (c) 1991 Mark Wahl & Bill Miller -- May be freely
     copied for Non- Commercial use only. For Commercial use
     contact: Bill Miller 408-253-3175..
2010 REMark Q1 $Page Formatter$: Prints Multiple Columns with
     Word Wrap and Indent for Numbered Lines. This program
     will only print out files that END with a line feed..
2015 DEFine PROCedure pf
2020    pnc "flp1_QLMenu/pf_bas",64,2,3,80,8,30,0,1,1
2025 END DEFine
2030 DEFine PROCedure pfd: REMark Print Directory ##############
2035    pnc "flp1_WM90818H_dir",32,4,1,36,8,30,0,1,1
2040 END DEFine
2045 DEFine PROCedure _pnc(filename$, right_margin, col,
     space_btwn, page_len, pgsp, max_page, start_page_no,
     copies, allow_indent)
2050 CLS #2
2055 OPEN_IN #4;filename$
2060 OPEN #5;ser1: BAUD 9600
2065 PRINT #5;CHR$(27);"0";
2070 PRINT #5; CHR$(27); CHR$(15); CHR$(13);
2075 DIM poutdata$(col,page_len,right_margin)
2080 page=start_page_no: IF page=0 THEN page=1: pend=0:
     ltret$=""; hang_ind=0: bas_ind=0: in_basic=0: in_hang=0
2085 REPeat pgloop
2090   IF start_page_no > 0 THEN print_header
2095   lino=1: colin=1
2100   REPeat lnloop
2105     inln$=getline$(4,page,lino,colin)
2110     IF inln$="" THEN inln$=" "
2115     c13p=CHR$(13) INSTR inln$: IF c13p=1 THEN c13p=0:
         inln$=" "
2120     IF c13p=LEN(inln$) THEN inln$=inln$(1 TO c13p-1):
         c13p=0
2125     inln$=inln$&FILL$(" ",right_margin):
         poutdata$(colin,lino,1 TO)=inln$(1 TO right_margin)
2130     lino=lino+1
2135     IF lino>page_len THEN lino=1: colin=colin+1
2140     IF colin>col THEN EXIT inloop
2145   END REPeat lnloop
2150   FOR cop=1 TO copies
2155     FOR cur=1 TO page_len
2160       FOR cp=1 TO col
2165         PRINT #5;poutdata$(cp,cur,1 TO);
2170         IF cp<>col THEN PRINT #5;FILL$(" ",space_btwn);
2175         NEXT cp
2180         PRINT #5;CHR$(13)
2185       NEXT cur
2190   FOR cph = 1 TO pgsp: PRINT #5: NEXT cph
2195     NEXT cop
2200   page=page+1
2205   IF page>max_page OR EOF(#4) THEN EXIT pgloop
2210 END REPeat pgloop
2215 CLOSE #4: CLOSE #5
2220 END DEFine _pnc
2225 DEFine FuNction getline$(inchan,whpg,whln,whcol): REMark ##
2230 IF whpg=1 AND whln=1 AND whcol=1 THEN RETurn DATE$
2235 IF whpg=1 AND whln=2 AND whcol=1 THEN pend=0: RETurn "2616
     _pnc "&CHR$(34)&filename$&CHR$(34)&","&right_margin&","&
     col&","&space_btwn&","&page_len&","&pgsp&","&max_page&","&
     start_page_no&","&copies&","&allow_indent
2240 IF pend=0
2245   IF EOF(#inchan) THEN RETurn " "
2250   INPUT #inchan;ltret$
2255     lt=LEN(ltret$)
2260     IF lt>1 THEN IF ltret$(lt)=CHR$(13) THEN
         ltret$=ltret$(1 TO lt-1): lt=lt-1
2265     in_basic=0: in_hang=0
2270     IF lt>3 AND allow_indent=1 THEN
         in_basic=check_basic(ltret$)
2275     IF in_basic=0 AND allow_indent=1 THEN
         in_hang=check_hang(ltret$)
2280 ELSE
2285   IF in_basic=1 AND bas_ind<>0 AND pend=1 THEN
         ltret$=FILL$(" ",bas_ind)&ltret$
2290   IF in_hang=1 AND hang_ind<>0 AND pend=1 THEN
         ltret$=FILL$(" ",hang_ind)&ltret$
2295 END IF
2300 IF pend=2 THEN pend=1
2305 IF LEN(ltret$)<=right_margin THEN pend=0: in_basic=0:
     PRINT #16;ltret$: RETurn ltret$
2310 IF lino+1>page_len AND pend=0 THEN pend=2: RETurn " ":
     REMark This line prevents a new line from wrapping across
     a column and page.  REMark out to wrap across.
2315 wwpos=wordwrap(ltret$,right_margin)
2320 e$=ltret$(1 TO wwpos): ltret$=ltret$(wwpos+1 TO)
2325 pend=1: PRINT #16;e$: RETurn e$
2330 END DEFine
2335 DEFine FuNction wordwrap(istr$,ispp): REMark ##############
2340 nxp=ispp
2345 REPeat decp
2350   IF (in_basic=1 AND nxp<=bas_ind) OR (in_hang=1 AND
       nxp<=hang_ind) THEN RETurn ispp
2355   REMark Define word delimiter characters ################
2360   IF istr$(nxp) INSTR " &/\" THEN RETurn nxp
2365   nxp=nxp-1
2370   IF nxp=0 THEN RETurn ispp
2375 END REPeat decp
2380 END DEFine
2385 DEFine FuNction check_basic(ltbas$): REMark ##############
2390 spcp=" " INSTR ltbas$
2395 IF spcp<2 OR spcp>12 THEN RETurn 0
2400 in_bas2=1
2405 FOR e_spc=1 TO spcp-1
2410   ln_cd=CODE(ltbas$)
2415   IF ln_cd<48 OR ln_cd>57 THEN in_bas2=0
2420 NEXT e_spc
2425 IF in_bas2=0 THEN RETurn 0
2430 spcp2=spcp
2435 REPeat inc_qp
2440   spcp2=spcp2+1
2445   IF spcp2>LEN(ltbas$) THEN RETurn 0
2450   IF ltbas$(spcp2)<>" " THEN EXIT inc_qp
2455 END REPeat inc_qp
2460 bas_ind=spcp2
2465 RETurn 1
2470 END DEFine
2475 DEFine FuNction check_hang(lthang$): REMark ##############
2480 in_hang2=1
2485 IF LEN(lthang$)<3 THEN RETurn 0
2490 spcp=0
2495 REPeat inc_qp2
2500   spcp=spcp+1
2505   IF spcp>LEN(lthang$) THEN RETurn 0
2510   IF lthang$(spcp)<>" " THEN EXIT inc_qp2
2515 END REPeat inc_qp2
2520 hang_ind=spcp
2525 RETurn 1
2530 END DEFine
2535 DEFine PROCedure print_header: REMark Print page header ##
2540   PRINT #2; title$; page
2545   PRINT #5; header$
2550   PRINT #5; title$; page
2555   PRINT #5; header$
2560 END DEFine
2600 REMark Pf 910423.1205 -- PF extra Commands ################
2602 DEFine PROCedure pfe: REMark PF Exception Handling #######
2604   CLOSE #4
2606 END DEFine
2610 DEFine PROCedure pfs: REMark Print SincLink ###############
2613   header$= "============================
         ============================
         ============================  ==="
2614   title$ = "$SincLink Quarterly -- Volume: 10 -- Numbers:
         1, 2, & 3 -- 1991 -- FIRST QUARTER -- January,
         February, & March -- Page:$ "
2616   pnc "flp1_QLMenu/pf_bas",64,2,3,77,8,30,2,1,1
2618 END DEFine
2620 DEFine PROCedure pfstl: REMark Print Slim Task List ######
2622   pnc "flp2_STKL1102",64,2,3,87,1,1,0,1,1
2624 END DEFine
```